

Converting Colors

$Y_{xy}(100.0000, 0.3046, 0.3735)$

Have a look what the booklet for
Yxy(100.0000, 0.3046, 0.3735)
contains.

Yxy(91.2524, 0.3045, 0.3605)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(91.2524, 0.3045, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFE1
RGB	214, 255, 225
RGB Percent	84%, 100%, 88%
CMY	0.1609, 0.0000, 0.1176
CMYK	0.16, 0.00, 0.12, 0.00
HSL	136°, 100%, 92%
HSV	136°, 16%, 100%
XYZ	77.0773, 91.2524, 84.7977
YIQ	239.3210, -14.8060, -18.0220

Conversions

Conversions Part 2

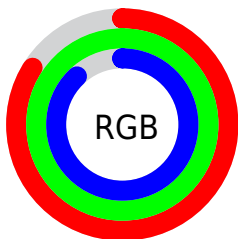
Format	Color
RYB	214, 246, 255
Decimal	14090209
CIELab	96.51, -18.71, 9.98
CIELCh	97, 21.205, 151.921
Yxy	91.2524, 0.3045, 0.3605
Android (android.graphics.Color)	4292280289 (0xFFD6FFE1)
YUV	239.3210, -7.0603, -22.2065
Hunter-Lab	95.5261, -23.1442, 14.2371

Details

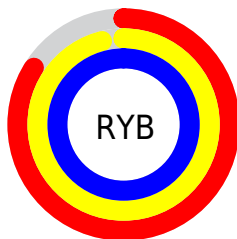
The Yxy color **91.2524, 0.3045, 0.3605** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.8668, 0.3221, 0.2994**, and the grayscale version is **86.6380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6614, 0.3025, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **86.7462, 0.2995, 0.3832**, and if you desaturate by 10%, it is **96.4632, 0.3096, 0.3402**.

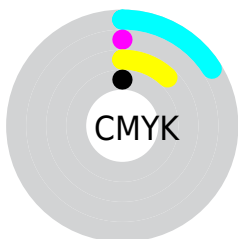
Distribution



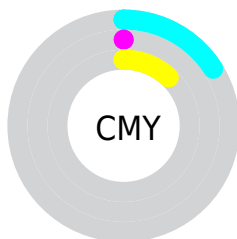
- Red (84%)
- Green (100%)
- Blue (88%)



- Red (84%)
- Yellow (96%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2524, 0.3045, 0.3605 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 91.2524, 0.3045, 0.3605 by changing the saturation by 10% instead.


 91.2524, 0.3045,
0.3605

 91.2524, 0.3045,
0.3605


532.0965, 0.3083,
0.3462

 69.0198, 0.3036,
0.3637


149.0768, 0.3058,
0.3556

 50.7279, 0.3025,
0.3677


185.4375, 0.3063,
0.3536

 35.9921, 0.3012,
0.3726


227.2763, 0.3068,
0.3520

 24.4281, 0.2994,
0.3791

274.9776, 0.3072,
0.3505

 15.6515, 0.2969,
0.3877

328.9259, 0.3075,
0.3492

 9.2779, 0.2934,
0.3999

389.5056, 0.3078,

 4.9229, 0.2879,

0.3481

0.4184

457.1010, 0.3081,
0.3471

■ 2.2021, 0.2782,
0.4498

■ 0.7211, 0.2205,
0.6953

■ 91.2524, 0.3045,
0.3605

■ 91.2524, 0.3045,
0.3605

■ 86.7462, 0.2995,
0.3832

■ 96.4632, 0.3096,
0.3402

■ 82.9236, 0.2949,
0.4083

100.0000, 0.3127,
0.3290

■ 79.7473, 0.2910,
0.4352

■ 77.1805, 0.2880,
0.4633

■ 75.1828, 0.2863,
0.4915

■ 73.7084, 0.2861,
0.5185

■ 72.7044, 0.2875,
0.5428

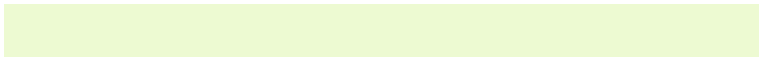
■ 72.1055, 0.2903,
0.5630

■ 71.9456, 0.2916,
0.5697

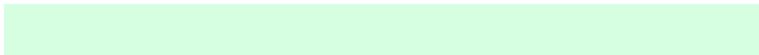
Harmonies

Analogous

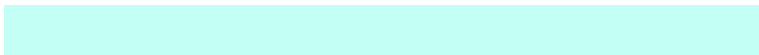
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2524, 0.3283, 0.3705



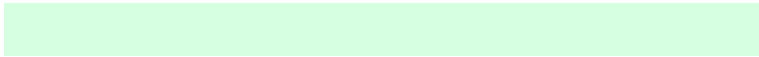
91.2524, 0.3045, 0.3605



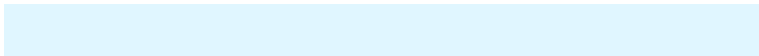
91.2524, 0.2835, 0.3411

Triad

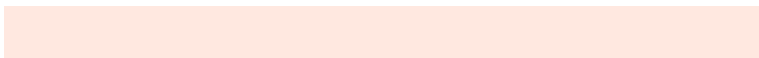
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2524, 0.3045, 0.3605



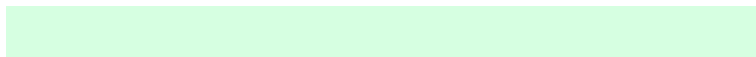
91.2524, 0.2775, 0.2906



91.2524, 0.3569, 0.3366

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91.2524, 0.3045, 0.3605



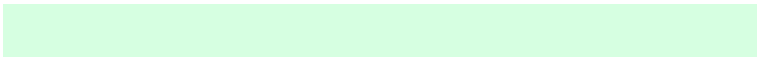
75.8668, 0.3221, 0.2994

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2524, 0.3422, 0.3167



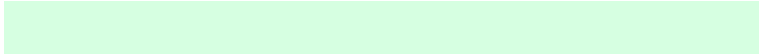
91.2524, 0.3045, 0.3605



91.2524, 0.2960, 0.2908

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



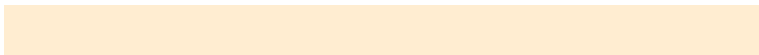
91.2524, 0.3045, 0.3605



91.2524, 0.2683, 0.3005



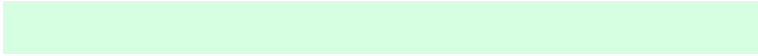
91.2524, 0.3197, 0.3003



91.2524, 0.3591, 0.3554

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



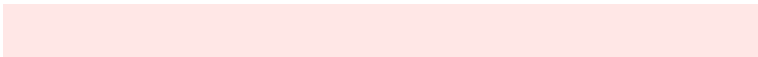
91.2524, 0.3045, 0.3605



91.2524, 0.2737, 0.3260



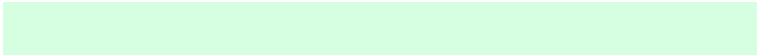
91.2524, 0.3197, 0.3003



91.2524, 0.3532, 0.3298

Sweetspot

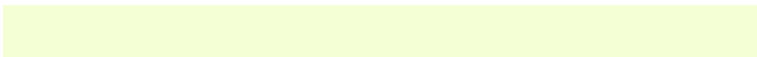
The Sweet Spot groups the original color and five complimentary colors.



91.2490, 0.3045, 0.3605



97.0759, 0.3102, 0.3381



95.6171, 0.3298, 0.3700



20.6935, 0.3098, 0.3395



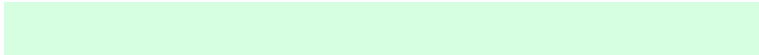
0.0000, 0.0000, 0.0000



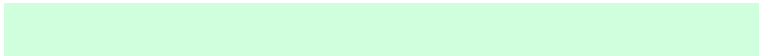
21.4041, 0.3127, 0.3290

Same Dimension

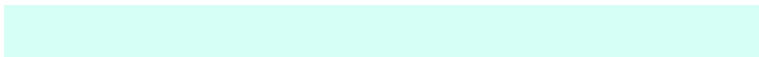
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2490, 0.3045, 0.3605



89.8667, 0.3030, 0.3669



92.4303, 0.2934, 0.3388



20.2485, 0.3079, 0.3468



37.6142, 0.2908, 0.5670



3.6797, 0.2848, 0.5453

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.8668, 0.3221, 0.2994



72.0759, 0.3240, 0.2939



74.6952, 0.3364, 0.3194



18.2120, 0.3179, 0.3118



12.9948, 0.4035, 0.1996



1.2835, 0.3919, 0.1932

Previews

White Background



This preview shows how the Yxy color 91.2524, 0.3045, 0.3605 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 91.2524, 0.3045, 0.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

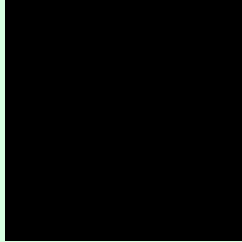
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

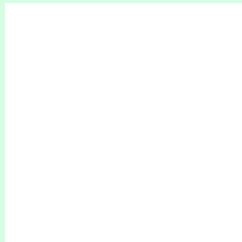
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2524, 0.3045, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 91.2524, 0.3045, 0.3605.

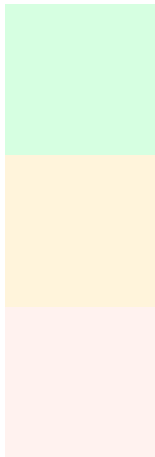


This preview shows how white text looks on a background with the Yxy color 91.2524, 0.3045, 0.3605.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91.2524, 0.3045, 0.3605

Protanopia

91.0758, 0.3354, 0.3537

Deuteranopia

90.9963, 0.3231, 0.3320



Tritanopia

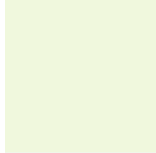
90.7937, 0.3006, 0.3200

Trichromacy



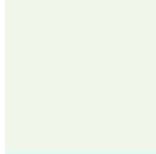
Original Color

91.2524, 0.3045, 0.3605



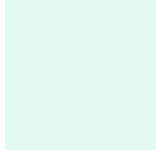
Protanomaly

90.8805, 0.3237, 0.3564



Deuteranomaly

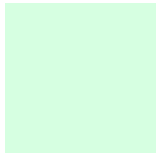
90.9873, 0.3160, 0.3420



Tritanomaly

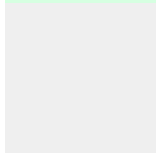
90.6139, 0.3019, 0.3340

Monochromacy



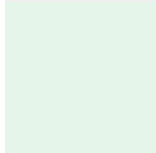
Original Color

91.2524, 0.3045, 0.3605



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0683, 0.3096, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2524, 0.3045, 0.3605 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 225) }
```

Border

The CSS property to change the border of an element to Yxy 91.2524, 0.3045, 0.3605 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 255, 225) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(214, 255, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(214, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2524, 0.3045, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
255, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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