

Converting Colors

$Yxy(164.2629, 0.3092, 0.4490)$

Have a look what the booklet for
Yxy(164.2629, 0.3092, 0.4490)
contains.

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Color

Yxy(91.2295, 0.3137, 0.3732)

Conversions

Conversions Part 1

Format	Color
Hex	DAFFD5
RGB	218, 255, 213
RGB Percent	85%, 100%, 84%
CMY	0.1451, 0.0000, 0.1646
CMYK	0.15, 0.00, 0.16, 0.00
HSL	113°, 100%, 92%
HSV	113°, 16%, 100%
XYZ	76.6846, 91.2295, 76.5379
YIQ	239.1490, -8.5700, -20.9060

Conversions

Conversions Part 2

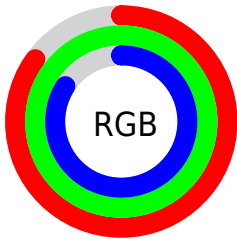
Format	Color
RYB	213, 255, 250
Decimal	14352341
CIELab	96.50, -19.46, 16.14
CIELCh	97, 25.286, 140.322
Yxy	91.2295, 0.3137, 0.3732
Android (android.graphics.Color)	4292542421 (0xFFDAFFD5)
YUV	239.1490, -12.8915, -18.5477
Hunter-Lab	95.5141, -23.8390, 19.3493

Details

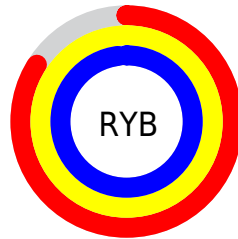
The Yxy color **91.2295, 0.3137, 0.3732** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.1559, 0.3111, 0.2876**, and the grayscale version is **86.5460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6433, 0.3140, 0.3835** is the 20% darker color. If you saturate the color by 10%, you get **86.8003, 0.3140, 0.4042**, and if you desaturate by 10%, it is **96.3334, 0.3132, 0.3453**.

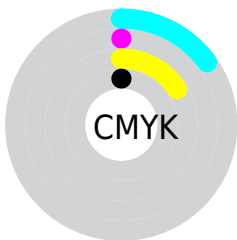
Distribution



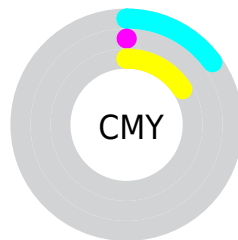
- Red (85%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (98%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (15%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.2295, 0.3137, 0.3732 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 91.2295, 0.3137, 0.3732 by changing the saturation by 10% instead.

 91.2295, 0.3137,
0.3732

 91.2295, 0.3137,
0.3732

532.0223, 0.3136,
0.3530

 69.0008, 0.3137,
0.3778


149.0451, 0.3137,
0.3662

 50.7124, 0.3136,
0.3834

185.4007, 0.3137,
0.3635

 35.9798, 0.3134,
0.3904


227.2342, 0.3137,
0.3612

 24.4186, 0.3131,
0.3995

274.9299, 0.3137,
0.3591

 15.6444, 0.3126,
0.4118

328.8721, 0.3136,
0.3573

 9.2729, 0.3115,
0.4292

389.4453, 0.3136,

 4.9196, 0.3092,

0.3557

0.4556

457.0339, 0.3136,
0.3543

■ 2.2002, 0.3037,
0.5005

■ 0.7201, 0.2252,
0.7748

■ 91.2295, 0.3137,
0.3732

■ 91.2295, 0.3137,
0.3732

■ 86.8003, 0.3140,
0.4042

■ 96.3334, 0.3132,
0.3453

■ 83.0162, 0.3139,
0.4378

100.0000, 0.3127,
0.3290

■ 79.8475, 0.3133,
0.4728

■ 77.2612, 0.3122,
0.5074

■ 75.2217, 0.3105,
0.5393

■ 73.6890, 0.3083,
0.5659

■ 72.6177, 0.3057,
0.5849

■ 71.9538, 0.3031,
0.5957

■ 71.7981, 0.3024,
0.5981

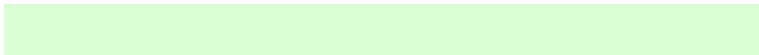
Harmonies

Analogous

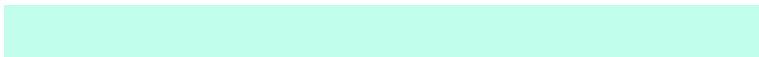
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2295, 0.3413, 0.3793



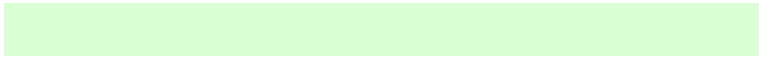
91.2295, 0.3137, 0.3732



91.2295, 0.2867, 0.3533

Triad

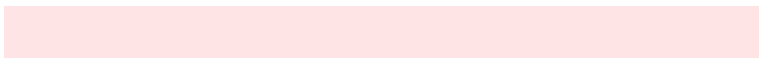
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2295, 0.3137, 0.3732



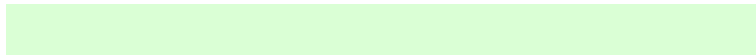
91.2295, 0.2652, 0.2865



91.2295, 0.3603, 0.3285

Complementary

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



91.2295, 0.3137, 0.3732



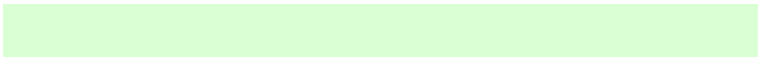
75.1559, 0.3111, 0.2876

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.



91.2295, 0.3382, 0.3061



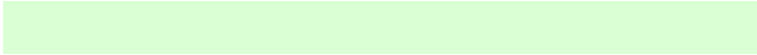
91.2295, 0.3137, 0.3732



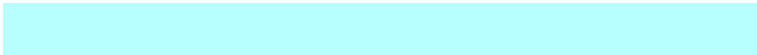
91.2295, 0.2832, 0.2823

Square

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



91.2295, 0.3137, 0.3732



91.2295, 0.2595, 0.3022



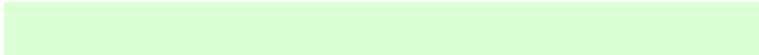
91.2295, 0.3097, 0.2896



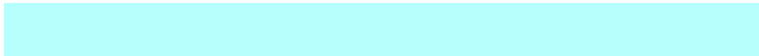
91.2295, 0.3690, 0.3519

Rectangle

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



91.2295, 0.3137, 0.3732



91.2295, 0.2725, 0.3357



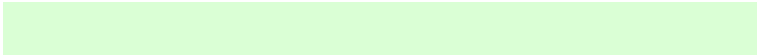
91.2295, 0.3097, 0.2896



91.2295, 0.3541, 0.3206

Sweetspot

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



91.2299, 0.3137, 0.3732



97.1355, 0.3131, 0.3415



94.0672, 0.3384, 0.3648



20.7079, 0.3131, 0.3433



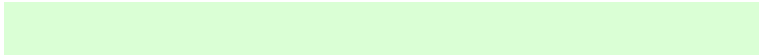
0.0000, 0.0000, 0.0000



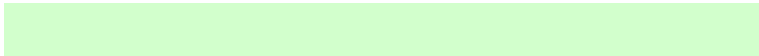
21.4041, 0.3127, 0.3290

Same Dimension

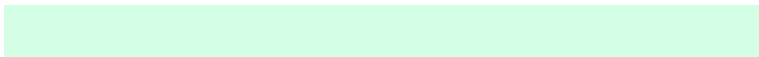
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2299, 0.3137, 0.3732



89.5853, 0.3138, 0.3838



91.2957, 0.3021, 0.3569



20.2709, 0.3133, 0.3534



37.5483, 0.3029, 0.5977



3.6873, 0.3081, 0.5936

Inverse Universe

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



75.1559, 0.3111, 0.2876



70.5404, 0.3107, 0.2785



75.1327, 0.3252, 0.3027



18.1850, 0.3119, 0.3054



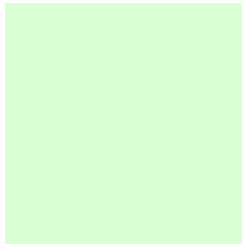
12.1686, 0.2912, 0.1378



1.2143, 0.2948, 0.1398

Previews

White Background



This preview shows how the Yxy color 91.2295, 0.3137, 0.3732 looks on a white background.

Color Contrast Check

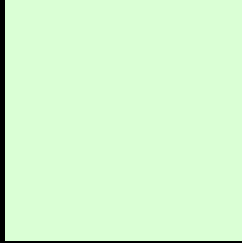
Large Text (above 18pt) WCAG AA × Fail

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 91.2295, 0.3137, 0.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

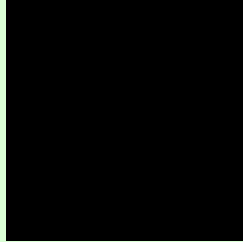
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

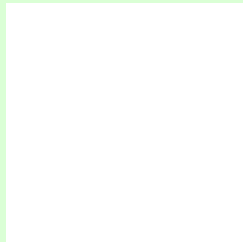
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2295, 0.3137, 0.3732

Background



This preview shows how black text looks on a background with the Yxy color 91.2295, 0.3137, 0.3732.

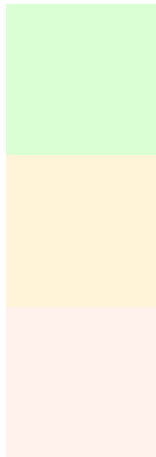


This preview shows how white text looks on a background with the Yxy color 91.2295, 0.3137, 0.3732.

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

91.2295, 0.3137, 0.3732

Protanopia

90.8677, 0.3380, 0.3577

Deuteranopia

90.8787, 0.3244, 0.3339



Tritanopia

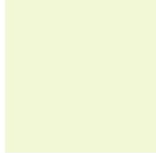
91.1361, 0.3018, 0.3201

Trichromacy



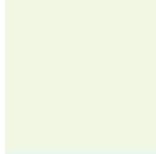
Original Color

91.2295, 0.3137, 0.3732



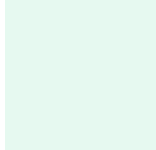
Protanomaly

90.8671, 0.3293, 0.3635



Deuteranomaly

91.0002, 0.3209, 0.3481



Tritanomaly

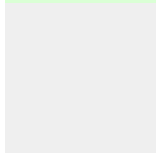
90.8656, 0.3060, 0.3381

Monochromacy



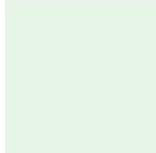
Original Color

91.2295, 0.3137, 0.3732



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0069, 0.3126, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2295, 0.3137, 0.3732 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(218, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 213)  
}
```

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(218, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 213) }
```

Border

The CSS property to change the border of an element to Yxy 91.2295, 0.3137, 0.3732 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(218, 255, 213) }
```

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

```
.border{ border-color:rgb(218, 255, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2295, 0.3137, 0.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 213) }
```

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

```
.background{ background-color: rgb(218,  
255, 213) }
```

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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