

Converting Colors

$Yxy(91.8266, 0.3255, 0.3619)$

Have a look what the booklet for
Yxy(91.8266, 0.3255, 0.3619)
contains.

Yxy(91.9062, 0.3259, 0.3624)	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(91.9062, 0.3259, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	F0FAD9
RGB	240, 250, 217
RGB Percent	94%, 98%, 85%
CMY	0.0588, 0.0196, 0.1489
CMYK	0.04, 0.00, 0.13, 0.02
HSL	78°, 77%, 92%
HSV	78°, 13%, 98%
XYZ	82.6496, 91.9062, 79.0485
YIQ	243.2480, 4.6330, -12.3830

Conversions

Conversions Part 2

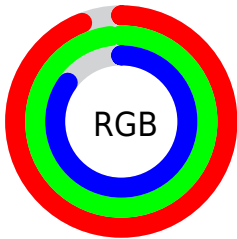
Format	Color
RYB	217, 250, 227
Decimal	15792857
CIELab	96.78, -8.89, 14.70
CIELCh	97, 17.178, 121.160
Yxy	91.9062, 0.3259, 0.3624
Android (android.graphics.Color)	4293982937 (0xFFFF0FAD9)
YUV	243.2480, -12.9403, -2.8485
Hunter-Lab	95.8677, -13.8798, 18.2194

Details

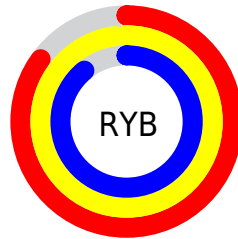
The Yxy color **91.9062, 0.3259, 0.3624** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.8784, 0.2983, 0.2947**, and the grayscale version is **89.9424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3826, 0.3287, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **89.4071, 0.3359, 0.3894**, and if you desaturate by 10%, it is **94.6657, 0.3159, 0.3368**.

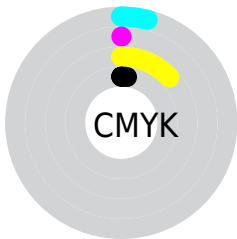
Distribution



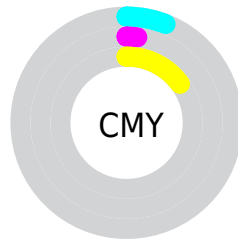
- Red (94%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)




- Cyan (6%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.9062, 0.3259, 0.3624 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 91.9062, 0.3259, 0.3624 by changing the saturation by 10% instead.


 91.9062, 0.3259,
0.3624

 91.9062, 0.3259,
0.3624

534.2123, 0.3202,
0.3473

 69.5627, 0.3271,
0.3657

149.9834, 0.3240,
0.3573

 51.1701, 0.3286,
0.3698


186.4859, 0.3232,
0.3552

 36.3440, 0.3304,
0.3749


228.4768, 0.3225,
0.3535

 24.7000, 0.3327,
0.3815

276.3406, 0.3220,
0.3519

 15.8537, 0.3355,
0.3902

330.4617, 0.3214,
0.3506

 9.4207, 0.3394,
0.4024

391.2244, 0.3210,

 5.0166, 0.3446,

0.3494

0.4204

459.0131, 0.3206,
0.3483

■ 2.2570, 0.3518,
0.4498

■ 0.7508, 0.3981,
0.6019

■ 91.9062, 0.3259,
0.3624

■ 91.9062, 0.3259,
0.3624

■ 89.4071, 0.3359,
0.3894

■ 94.6657, 0.3159,
0.3368

■ 87.1470, 0.3455,
0.4172

■ 96.8523, 0.3129,
0.3242

■ 85.1197, 0.3542,
0.4448

■ 83.3142, 0.3615,
0.4713

■ 81.7183, 0.3668,
0.4954

■ 80.3186, 0.3699,
0.5159

■ 79.0994, 0.3704,
0.5318

■ 78.0421, 0.3683,
0.5427

■ 77.3962, 0.3658,
0.5477

Harmonies

Analogous

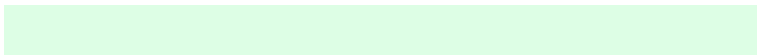
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9062, 0.3420, 0.3606



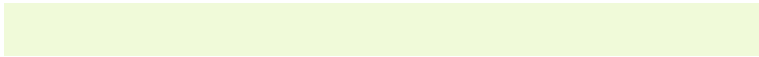
91.9062, 0.3259, 0.3624



91.9062, 0.3067, 0.3546

Triad

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



91.9062, 0.3259, 0.3624



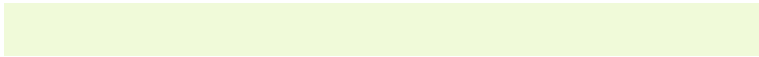
91.9062, 0.2765, 0.3063



91.9062, 0.3362, 0.3187

Complementary

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



91.9062, 0.3259, 0.3624



72.8784, 0.2983, 0.2947

Split Complementary

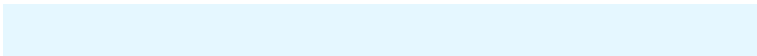
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9062, 0.3180, 0.3053



91.9062, 0.3259, 0.3624



91.9062, 0.2838, 0.2980

Square

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



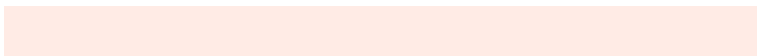
91.9062, 0.3259, 0.3624



91.9062, 0.2786, 0.3213



91.9062, 0.2988, 0.2978



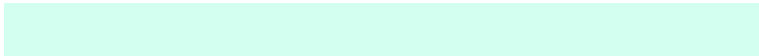
91.9062, 0.3481, 0.3349

Rectangle

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



91.9062, 0.3259, 0.3624



91.9062, 0.2947, 0.3449



91.9062, 0.2988, 0.2978



91.9062, 0.3305, 0.3137

Sweetspot

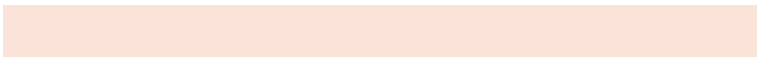
The Sweet Spot groups the original color and five complimentary colors.



91.9102, 0.3259, 0.3624



98.7787, 0.3167, 0.3388



80.2310, 0.3356, 0.3391



21.0946, 0.3174, 0.3407



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

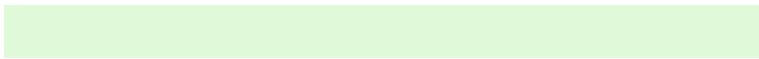
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.9102, 0.3259, 0.3624



95.3746, 0.3287, 0.3699



89.1710, 0.3153, 0.3635



19.9113, 0.3222, 0.3528



41.1316, 0.3667, 0.5470



3.8649, 0.3731, 0.5419

Inverse Universe

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



72.8784, 0.2983, 0.2947



71.6751, 0.2948, 0.2868



75.6708, 0.3096, 0.2959



16.8980, 0.3026, 0.3048



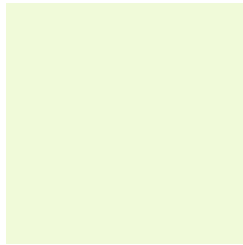
4.5369, 0.1704, 0.0713



0.4731, 0.1829, 0.0781

Previews

White Background



This preview shows how the Yxy color 91.9062, 0.3259, 0.3624 looks on a white background.

Color Contrast Check

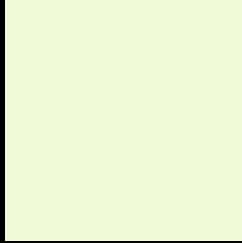
Large Text (above 18pt) WCAG AA × Fail

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 91.9062, 0.3259, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

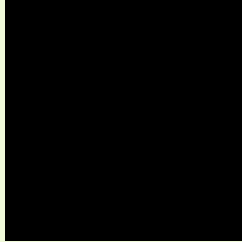
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

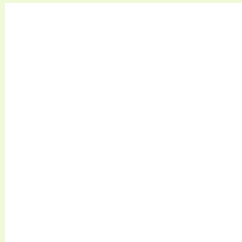
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9062, 0.3259, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 91.9062, 0.3259, 0.3624.

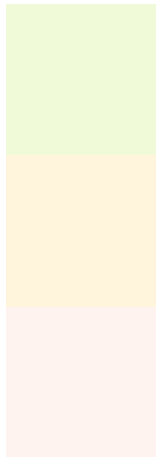


This preview shows how white text looks on a background with the Yxy color 91.9062, 0.3259, 0.3624.

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

91.9062, 0.3259, 0.3624

Protanopia

91.7853, 0.3341, 0.3527

Deuteranopia

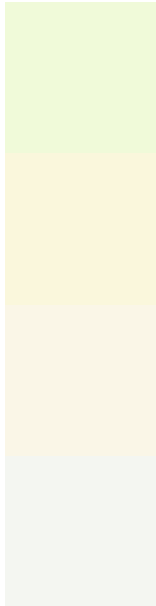
91.5932, 0.3230, 0.3329



Tritanopia

91.5142, 0.3075, 0.3183

Trichromacy



Original Color

91.9062, 0.3259, 0.3624

Protanomaly

92.0128, 0.3311, 0.3558

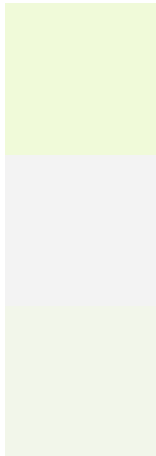
Deuteranomaly

92.0050, 0.3244, 0.3438

Tritanomaly

91.4955, 0.3144, 0.3340

Monochromacy



Original Color

91.9062, 0.3259, 0.3624

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.7293, 0.3173, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9062, 0.3259, 0.3624 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(240, 250, 217)` looks like.

```
.text, #text, p{  
    color:rgb(240, 250, 217)  
}
```

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(240, 250, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 250, 217) }
```

Border

The CSS property to change the border of an element to Yxy 91.9062, 0.3259, 0.3624 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(240, 250, 217) }
```

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

```
.border{ border-color:rgb(240, 250, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 250, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 250, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 250, 217);  
box-shadow:4px 4px 4px 4px rgb(240, 250,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9062, 0.3259, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 250, 217) }
```

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

```
.background{ background-color: rgb(240,  
250, 217) }
```

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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