

Converting Colors

Yxy(64.6315, 0.3046, 0.3455)

Have a look what the booklet for
Yxy(64.6315, 0.3046, 0.3455)
contains.

Yxy(64.5825, 0.3048, 0.3456)	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(64.5825, 0.3048, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	C0D8CA
RGB	192, 216, 202
RGB Percent	75%, 85%, 79%
CMY	0.2469, 0.1529, 0.2079
CMYK	0.11, 0.00, 0.06, 0.15
HSL	145°, 24%, 80%
HSV	145°, 11%, 85%
XYZ	56.9582, 64.5825, 65.3300
YIQ	207.2280, -9.8100, -9.4420

Conversions

Conversions Part 2

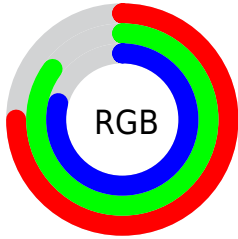
Format	Color
R _Y B	192, 209, 216
Decimal	12638410
CIE Lab	84.27, -10.65, 4.19
CIE LCh	84, 11.441, 158.520
Yxy	64.5825, 0.3048, 0.3456
Android (android.graphics.Color)	4290828490 (0xFFC0D8CA)
YUV	207.2280, -2.5774, -13.3550
Hunter-Lab	80.3632, -14.1222, 8.0554

Details

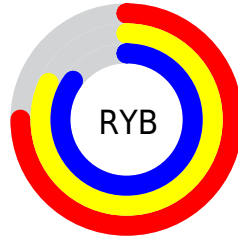
The Yxy color **64.5825, 0.3048, 0.3456** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7690, 0.3215, 0.3130**, and the grayscale version is **62.5768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **33.0311, 0.3024, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **61.3950, 0.2978, 0.3625**, and if you desaturate by 10%, it is **68.2383, 0.3119, 0.3305**.

Distribution



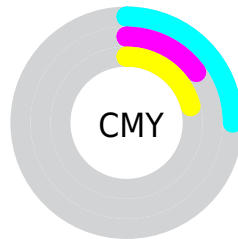
- Red (75%)
- Green (85%)
- Blue (79%)



- Red (75%)
- Yellow (82%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (25%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.5825, 0.3048, 0.3456 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 64.5825, 0.3048, 0.3456 by changing the saturation by 10% instead.


 64.5825, 0.3048,
0.3456

 64.5825, 0.3048,
0.3456


441.2901, 0.3086,
0.3377

 47.1226, 0.3039,
0.3475


 111.4494, 0.3061,
0.3428

 33.1326, 0.3028,
0.3499


141.6252, 0.3067,
0.3417

 22.2280, 0.3013,
0.3529


176.8085, 0.3071,
0.3408

 14.0246, 0.2993,
0.3571

217.3836, 0.3075,
0.3400

 8.1378, 0.2965,
0.3629

263.7349, 0.3078,
0.3393

 4.1832, 0.2923,
0.3718

316.2468, 0.3081,

 1.7766, 0.2850,

0.3387

0.3871

375.3038, 0.3084,
0.3381

0.4725, 0.2142,
0.5349

0.0000, 0.0000,
0.0000

64.5825, 0.3048,
0.3456

64.5825, 0.3048,
0.3456

61.3950, 0.2978,
0.3625

68.2383, 0.3119,
0.3305

58.6484, 0.2913,
0.3811

72.3720, 0.3191,
0.3172

56.3250, 0.2855,
0.4014

76.6552, 0.3247,
0.3054

54.4026, 0.2806,
0.4232

77.4316, 0.3162,
0.2934

■ 52.8571, 0.2772,
0.4458

■ 77.5915, 0.3145,
0.2910

■ 51.6614, 0.2754,
0.4688

■ 50.7848, 0.2755,
0.4913

■ 50.1910, 0.2775,
0.5126

■ 49.8448, 0.2805,
0.5299

Harmonies

Analogous

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



64.5825, 0.3192, 0.3530



64.5825, 0.3048, 0.3456



64.5825, 0.2927, 0.3335

Triad

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



64.5825, 0.3048, 0.3456



64.5825, 0.2933, 0.3050



64.5825, 0.3403, 0.3367

Complementary

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



64.5825, 0.3048, 0.3456



56.7690, 0.3215, 0.3130

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.



64.5825, 0.3330, 0.3242



64.5825, 0.3048, 0.3456



64.5825, 0.3057, 0.3063

Square

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



64.5825, 0.3048, 0.3456



64.5825, 0.2862, 0.3100



64.5825, 0.3203, 0.3132



64.5825, 0.3399, 0.3474

Rectangle

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



64.5825, 0.3048, 0.3456



64.5825, 0.2875, 0.3246



64.5825, 0.3203, 0.3132



64.5825, 0.3386, 0.3325

Sweetspot

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



64.5852, 0.3048, 0.3456



98.2931, 0.3105, 0.3333



66.0993, 0.3220, 0.3568



20.9434, 0.3100, 0.3345



0.0000, 0.0000, 0.0000



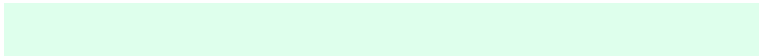
21.4041, 0.3127, 0.3290

Same Dimension

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



64.5852, 0.3048, 0.3456



93.0599, 0.3034, 0.3489



65.1565, 0.2973, 0.3318



13.9807, 0.3060, 0.3429



29.5236, 0.2797, 0.5270



1.7970, 0.2701, 0.4923

Inverse Universe

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



56.7690, 0.3215, 0.3130



79.7877, 0.3233, 0.3099



56.2248, 0.3305, 0.3263



12.5414, 0.3201, 0.3155



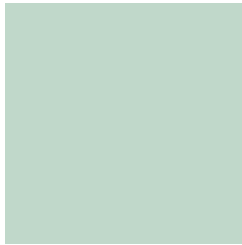
9.5591, 0.4594, 0.2304



0.5929, 0.4290, 0.2137

Previews

White Background



This preview shows how the Yxy color 64.5825, 0.3048, 0.3456 looks on a white background.

Color Contrast Check

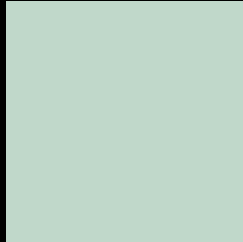
Large Text (above 18pt) WCAG AA × Fail

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 64.5825, 0.3048, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

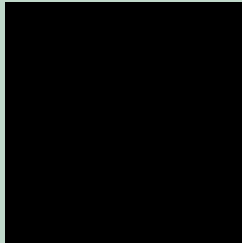
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

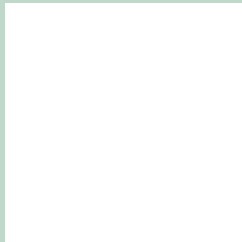
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5825, 0.3048, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 64.5825, 0.3048, 0.3456.



This preview shows how white text looks on a background with the Yxy color 64.5825, 0.3048, 0.3456.

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
64.5825, 0.3048, 0.3456
Protanopia
64.2771, 0.3258, 0.3416
Deuteranopia
64.2755, 0.3339, 0.3269



Tritanopia

64.6144, 0.2909, 0.3096

Trichromacy



Original Color

64.5825, 0.3048, 0.3456

Protanomaly

64.4759, 0.3180, 0.3441

Deuteranomaly

64.2231, 0.3224, 0.3335

Tritanomaly

64.3051, 0.2959, 0.3220

Monochromacy



Original Color

64.5825, 0.3048, 0.3456

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.0575, 0.3102, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5825, 0.3048, 0.3456 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(192, 216, 202)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 202)  
}
```

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(192, 216, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 202) }
```

Border

The CSS property to change the border of an element to Yxy 64.5825, 0.3048, 0.3456 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(192, 216, 202) }
```

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

```
.border{ border-color:rgb(192, 216, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5825, 0.3048, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 202) }
```

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

```
.background{ background-color: rgb(192,  
216, 202) }
```

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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