

Converting Colors

Yxy(64.8994, 0.3023, 0.3420)

Have a look what the booklet for
Yxy(64.8994, 0.3023, 0.3420)
contains.

| | |
|-------------------------------------------|----|
| Yxy(64.7260, 0.3028, 0.3420) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(64.7260, 0.3028, 0.3420)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | C0D8CD |
| RGB | 192, 216, 205 |
| RGB Percent | 75%, 85%, 80% |
| CMY | 0.2472, 0.1529, 0.1961 |
| CMYK | 0.11, 0.00, 0.05, 0.15 |
| HSL | 152°, 24%, 80% |
| HSV | 152°, 11%, 85% |
| XYZ | 57.3071, 64.7260, 67.2242 |
| YIQ | 207.5700, -10.7730, -8.5090 |

Conversions

Conversions Part 2

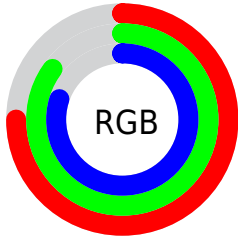
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 192, 208, 216 |
| Decimal | 12638413 |
| CIE Lab | 84.34, -10.11, 2.70 |
| CIE LCh | 84, 10.462, 165.030 |
| Yxy | 64.7260, 0.3028, 0.3420 |
| Android (android.graphics.Color) | 4290828493 (0xFFC0D8CD) |
| YUV | 207.5700, -1.2670, -13.6549 |
| Hunter-Lab | 80.4525, -13.6445, 6.7754 |

Details

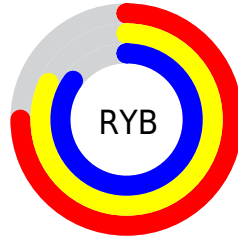
The Yxy color **64.7260, 0.3028, 0.3420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5997, 0.3239, 0.3164**, and the grayscale version is **62.7956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **33.1274, 0.2998, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **61.6501, 0.2942, 0.3551**, and if you desaturate by 10%, it is **68.2515, 0.3117, 0.3302**.

Distribution



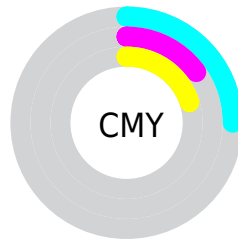
- Red (75%)
- Green (85%)
- Blue (80%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7260, 0.3028, 0.3420 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 64.7260, 0.3028, 0.3420 by changing the saturation by 10% instead.

■ 64.7260, 0.3028,
0.3420

■ 64.7260, 0.3028,
0.3420

441.8067, 0.3075,
0.3358

■ 47.2389, 0.3017,
0.3435

■ 111.6558, 0.3045,
0.3398

■ 33.2246, 0.3003,
0.3453

141.8674, 0.3051,
0.3390

■ 22.2985, 0.2985,
0.3477

177.0893, 0.3057,
0.3383

■ 14.0764, 0.2961,
0.3509

217.7058, 0.3061,
0.3376

■ 8.1738, 0.2927,
0.3554

264.1014, 0.3065,
0.3371

■ 4.2064, 0.2876,
0.3622

316.6605, 0.3069,

■ 1.7897, 0.2791,

0.3366

0.3738

375.7675, 0.3072,
0.3362

0.4807, 0.2050,
0.4688

0.0000, 0.0000,
0.0000

64.7260, 0.3028,
0.3420

64.7260, 0.3028,
0.3420

61.6501, 0.2942,
0.3551

68.2515, 0.3117,
0.3302

58.9970, 0.2861,
0.3695


72.2357, 0.3207,
0.3198

56.7497, 0.2790,
0.3852


76.3594, 0.3283,
0.3104

54.8866, 0.2730,
0.4019


76.9469, 0.3215,
0.3009


 53.3843, 0.2685,
0.4194


 77.5668, 0.3148,
0.2915

 52.2165, 0.2658,
0.4374

 77.5985, 0.3145,
0.2911

 51.3532, 0.2651,
0.4555

 50.7589, 0.2664,
0.4731

 50.4024, 0.2689,
0.4881

Harmonies

Analogous

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



64.7260, 0.3158, 0.3499



64.7260, 0.3028, 0.3420



64.7260, 0.2926, 0.3304

Triad

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



64.7260, 0.3028, 0.3420



64.7260, 0.2971, 0.3068



64.7260, 0.3384, 0.3384

Complementary

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



64.7260, 0.3028, 0.3420



56.5997, 0.3239, 0.3164

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.



64.7260, 0.3332, 0.3271



64.7260, 0.3028, 0.3420



64.7260, 0.3092, 0.3092

Square

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



64.7260, 0.3028, 0.3420



64.7260, 0.2893, 0.3102



64.7260, 0.3224, 0.3165



64.7260, 0.3366, 0.3475

Rectangle

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



64.7260, 0.3028, 0.3420



64.7260, 0.2886, 0.3224



64.7260, 0.3224, 0.3165



64.7260, 0.3374, 0.3347

Sweetspot

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



64.7287, 0.3028, 0.3420



98.3540, 0.3100, 0.3324



65.6465, 0.3196, 0.3571



20.9599, 0.3093, 0.3333



0.0000, 0.0000, 0.0000



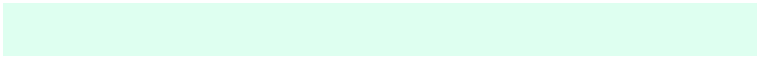
21.4041, 0.3127, 0.3290

Same Dimension

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



64.7287, 0.3028, 0.3420



93.3054, 0.3011, 0.3445



64.8703, 0.2957, 0.3280



14.0073, 0.3043, 0.3399



29.8511, 0.2682, 0.4856



1.8171, 0.2600, 0.4560

Inverse Universe

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



56.5997, 0.3239, 0.3164



79.5401, 0.3261, 0.3140



56.4455, 0.3324, 0.3300



12.5146, 0.3220, 0.3184



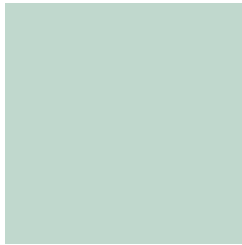
9.1959, 0.5122, 0.2595



0.5712, 0.4707, 0.2367

Previews

White Background



This preview shows how the Yxy color 64.7260, 0.3028, 0.3420 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 64.7260, 0.3028, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

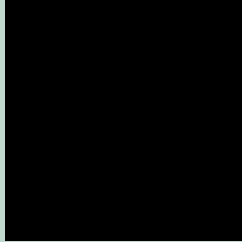
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

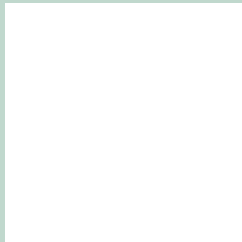
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7260, 0.3028, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 64.7260, 0.3028, 0.3420.

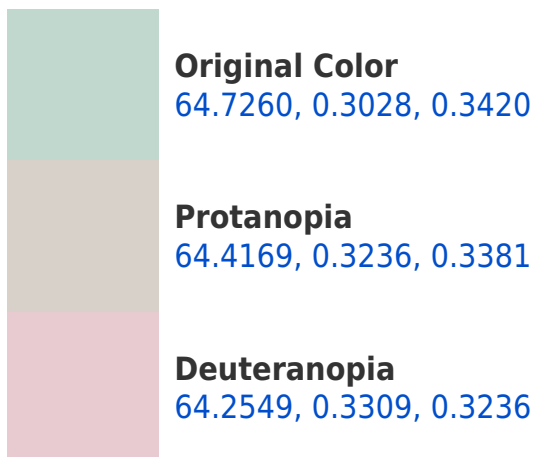


This preview shows how white text looks on a background with the Yxy color 64.7260, 0.3028, 0.3420.

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





Tritanopia

64.4799, 0.2902, 0.3095

Trichromacy



Original Color

64.7260, 0.3028, 0.3420

Protanomaly

64.6166, 0.3159, 0.3405

Deuteranomaly

64.3685, 0.3202, 0.3301

Tritanomaly

64.3579, 0.2952, 0.3208

Monochromacy



Original Color

64.7260, 0.3028, 0.3420

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.6501, 0.3088, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7260, 0.3028, 0.3420 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 205) }
```

Border

The CSS property to change the border of an element to Yxy 64.7260, 0.3028, 0.3420 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, 205) }
```

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

```
.border{ border-color:rgb(192, 216, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7260, 0.3028, 0.3420 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, 205) }
```

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

```
.background{ background-color: rgb(192,  
216, 205) }
```

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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