

Converting Colors

Yxy(64.3044, 0.3036, 0.3408)

Have a look what the booklet for
Yxy(64.3044, 0.3036, 0.3408)
contains.

Yxy(64.3461, 0.3035, 0.3408)	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(64.3461, 0.3035, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	C1D7CD
RGB	193, 215, 205
RGB Percent	76%, 84%, 80%
CMY	0.2433, 0.1568, 0.1961
CMYK	0.10, 0.00, 0.05, 0.16
HSL	153°, 22%, 80%
HSV	153°, 10%, 84%
XYZ	57.3035, 64.3461, 67.1594
YIQ	207.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

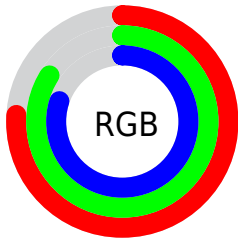
Format	Color
R _{YB}	193, 207, 215
Decimal	12703693
CIE Lab	84.15, -9.27, 2.42
CIE LCh	84, 9.579, 165.377
Yxy	64.3461, 0.3035, 0.3408
Android (android.graphics.Color)	4290893773 (0xFFC1D7CD)
YUV	207.2820, -1.1250, -12.5253
Hunter-Lab	80.2160, -12.8639, 6.5118

Details

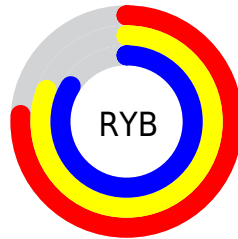
The Yxy color **64.3461, 0.3035, 0.3408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8795, 0.3230, 0.3175**, and the grayscale version is **62.5972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **32.8649, 0.3008, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **61.2695, 0.2948, 0.3536**, and if you desaturate by 10%, it is **67.8683, 0.3125, 0.3293**.

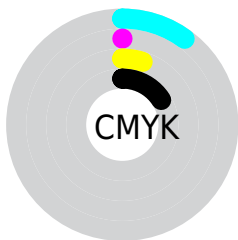
Distribution



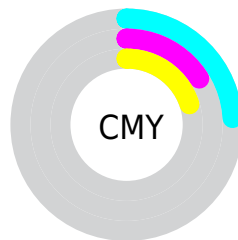
- Red (76%)
- Green (84%)
- Blue (80%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3461, 0.3035, 0.3408 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 64.3461, 0.3035, 0.3408 by changing the saturation by 10% instead.

■ 64.3461, 0.3035,
0.3408

■ 64.3461, 0.3035,
0.3408

■ 440.4384, 0.3079,
0.3352

■ 46.9311, 0.3025,
0.3421

■ 111.1092, 0.3050,
0.3388

■ 32.9812, 0.3012,
0.3438

■ 141.2261, 0.3056,
0.3381

■ 22.1120, 0.2995,
0.3460

■ 176.3457, 0.3062,
0.3374

■ 13.9392, 0.2973,
0.3489

■ 216.8524, 0.3066,
0.3368

■ 8.0784, 0.2941,
0.3529

■ 263.1306, 0.3070,
0.3363

■ 4.1452, 0.2894,
0.3591

■ 315.5648, 0.3073,

■ 1.7551, 0.2814,

0.3359

0.3697

374.5392, 0.3076,
0.3355

0.4589, 0.2101,
0.4591

0.0000, 0.0000,
0.0000

64.3461, 0.3035,
0.3408

64.3461, 0.3035,
0.3408

61.2695, 0.2948,
0.3536

67.8683, 0.3125,
0.3293

58.6122, 0.2866,
0.3678


71.8450, 0.3215,
0.3190


56.3575, 0.2793,
0.3831


75.8259, 0.3287,
0.3099

54.4842, 0.2731,
0.3996


76.4032, 0.3219,
0.3004


 52.9693, 0.2685,
0.4169


 77.0119, 0.3153,
0.2912

 51.7871, 0.2656,
0.4347

 77.0894, 0.3145,
0.2901

 50.9086, 0.2647,
0.4526

 50.2990, 0.2658,
0.4700

 49.9041, 0.2685,
0.4864

Harmonies

Analogous

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



64.3461, 0.3154, 0.3481



64.3461, 0.3035, 0.3408



64.3461, 0.2941, 0.3302

Triad

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



64.3461, 0.3035, 0.3408



64.3461, 0.2985, 0.3086



64.3461, 0.3363, 0.3378

Complementary

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



64.3461, 0.3035, 0.3408



56.8795, 0.3230, 0.3175

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.



64.3461, 0.3316, 0.3274



64.3461, 0.3035, 0.3408



64.3461, 0.3096, 0.3108

Square

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



64.3461, 0.3035, 0.3408



64.3461, 0.2913, 0.3117



64.3461, 0.3218, 0.3176



64.3461, 0.3345, 0.3461

Rectangle

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



64.3461, 0.3035, 0.3408



64.3461, 0.2905, 0.3229



64.3461, 0.3218, 0.3176



64.3461, 0.3354, 0.3344

Sweetspot

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



64.3488, 0.3035, 0.3408



98.3563, 0.3100, 0.3323



65.1892, 0.3191, 0.3548



20.9605, 0.3092, 0.3333



0.0000, 0.0000, 0.0000



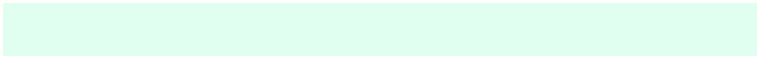
21.4041, 0.3127, 0.3290

Same Dimension

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



64.3488, 0.3035, 0.3408



93.7889, 0.3019, 0.3431



64.4742, 0.2970, 0.3281



14.0083, 0.3042, 0.3398



29.8651, 0.2678, 0.4839



1.8179, 0.2596, 0.4546

Inverse Universe

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



56.8795, 0.3230, 0.3175



80.9765, 0.3251, 0.3153



56.7434, 0.3307, 0.3299



12.5136, 0.3221, 0.3185



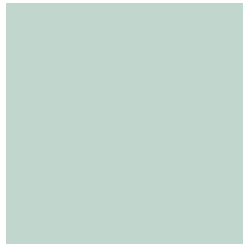
9.1845, 0.5142, 0.2606



0.5705, 0.4723, 0.2375

Previews

White Background



This preview shows how the Yxy color 64.3461, 0.3035, 0.3408 looks on a white background.

Color Contrast Check

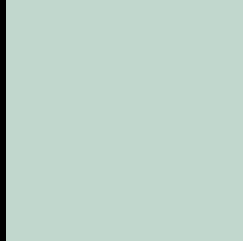
Large Text (above 18pt) WCAG AA × Fail

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 64.3461, 0.3035, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

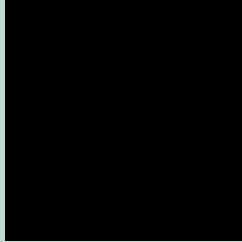
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

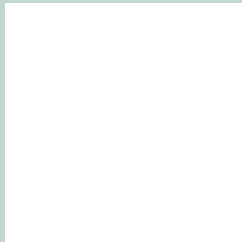
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3461, 0.3035, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 64.3461, 0.3035, 0.3408.

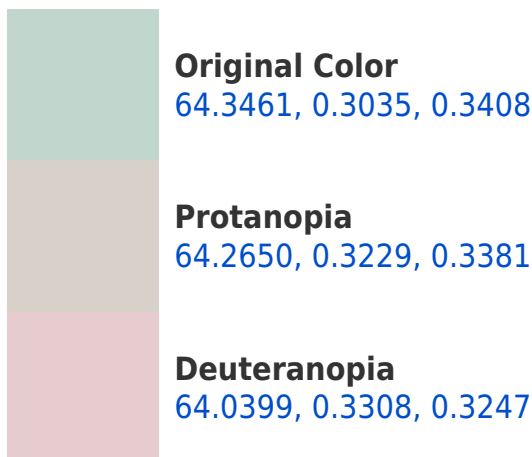


This preview shows how white text looks on a background with the Yxy color 64.3461, 0.3035, 0.3408.

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

64.5587, 0.2915, 0.3107

Trichromacy



Original Color

64.3461, 0.3035, 0.3408

Protanomaly

64.1182, 0.3160, 0.3394

Deuteranomaly

63.8336, 0.3210, 0.3302

Tritanomaly

64.4916, 0.2959, 0.3209

Monochromacy



Original Color

64.3461, 0.3035, 0.3408

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.1060, 0.3095, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3461, 0.3035, 0.3408 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(193, 215, 205)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 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(193, 215, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 205) }
```

Border

The CSS property to change the border of an element to Yxy 64.3461, 0.3035, 0.3408 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(193, 215, 205) }
```

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

```
.border{ border-color:rgb(193, 215, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 215, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 215, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 215, 205); box-shadow:4px 4px 4px 4px rgb(193, 215, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3461, 0.3035, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 215, 205) }
```

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

```
.background{ background-color: rgb(193,  
215, 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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