

Converting Colors

$Yxy(65.1734, 0.3008, 0.3406)$

Have a look what the booklet for
Yxy(65.1734, 0.3008, 0.3406)
contains.

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Color

Yxy(65.2071, 0.3008, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	BFD9CF
RGB	191, 217, 207
RGB Percent	75%, 85%, 81%
CMY	0.2511, 0.1490, 0.1883
CMYK	0.12, 0.00, 0.05, 0.15
HSL	157°, 26%, 80%
HSV	157°, 12%, 85%
XYZ	57.5537, 65.2071, 68.5746
YIQ	208.0860, -12.2860, -8.6220

Conversions

Conversions Part 2

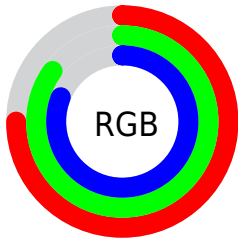
Format	Color
RYB	191, 207, 217
Decimal	12573135
CIELab	84.59, -10.57, 2.00
CIELCh	85, 10.758, 169.301
Yxy	65.2071, 0.3008, 0.3408
Android (android.graphics.Color)	4290763215 (0xFFBFD9CF)
YUV	208.0860, -0.5354, -14.9844
Hunter-Lab	80.7509, -14.0916, 6.1759

Details

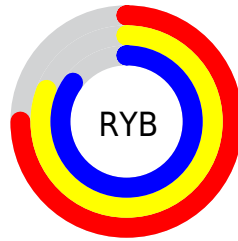
The Yxy color $65.2071, 0.3008, 0.3408$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $56.2190, 0.3264, 0.3175$, and the grayscale version is $63.1424, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.5142, 0.3078, 0.3290$, and $33.4589, 0.2973, 0.3431$ is the 20% darker color. If you saturate the color by 10%, you get $62.2042, 0.2913, 0.3518$, and if you desaturate by 10%, it is $68.6540, 0.3107, 0.3309$.

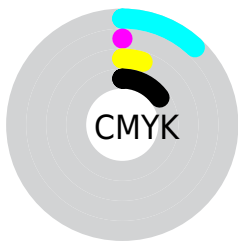
Distribution



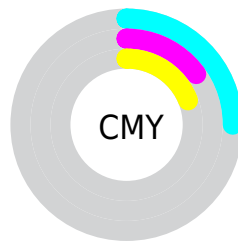
- Red (75%)
- Green (85%)
- Blue (81%)



- Red (75%)
- Yellow (81%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)




- Cyan (25%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2071, 0.3008, 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 65.2071, 0.3008, 0.3408 by changing the saturation by 10% instead.


 65.2071, 0.3008,
0.3408

 65.2071, 0.3008,
0.3408


443.5358, 0.3065,
0.3352

 47.6290, 0.2995,
0.3421

 112.3476, 0.3028,
0.3388

 33.5332, 0.2978,
0.3438


142.6787, 0.3036,
0.3381

 22.5352, 0.2957,
0.3459


178.0297, 0.3042,
0.3374

 14.2507, 0.2928,
0.3488

218.7849, 0.3048,
0.3369

 8.2952, 0.2889,
0.3528

265.3287, 0.3053,
0.3364

 4.2844, 0.2829,
0.3589

318.0456, 0.3057,

 1.8339, 0.2730,

0.3359

0.3691

377.3198, 0.3061,
0.3355

0.5082, 0.1961,
0.4431

0.0000, 0.0000,
0.0000

65.2071, 0.3008,
0.3408

65.2071, 0.3008,
0.3408

62.2042, 0.2913,
0.3518

68.6540, 0.3107,
0.3309

59.6184, 0.2825,
0.3639


72.5540, 0.3208,
0.3220


57.4326, 0.2746,
0.3769


76.7223, 0.3301,
0.3141


55.6250, 0.2680,
0.3909


77.2087, 0.3243,
0.3059


 54.1720, 0.2630,
0.4054


 77.7180, 0.3186,
0.2979

 53.0470, 0.2599,
0.4204

 78.1131, 0.3145,
0.2920

 52.2195, 0.2588,
0.4354

 51.6533, 0.2598,
0.4503

 51.3393, 0.2616,
0.4619

Harmonies

Analogous

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



65.2071, 0.3139, 0.3497



65.2071, 0.3008, 0.3408



65.2071, 0.2910, 0.3287

Triad

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



65.2071, 0.3008, 0.3408



65.2071, 0.2983, 0.3062



65.2071, 0.3393, 0.3402

Complementary

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



65.2071, 0.3008, 0.3408



56.2190, 0.3264, 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.



65.2071, 0.3349, 0.3287



65.2071, 0.3008, 0.3408



65.2071, 0.3110, 0.3095

Square

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



65.2071, 0.3008, 0.3408



65.2071, 0.2895, 0.3089



65.2071, 0.3245, 0.3176



65.2071, 0.3363, 0.3490

Rectangle

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



65.2071, 0.3008, 0.3408



65.2071, 0.2875, 0.3206



65.2071, 0.3245, 0.3176



65.2071, 0.3386, 0.3365

Sweetspot

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



65.2098, 0.3008, 0.3408



97.8661, 0.3087, 0.3328



65.8646, 0.3189, 0.3596



20.8640, 0.3079, 0.3335



0.0000, 0.0000, 0.0000



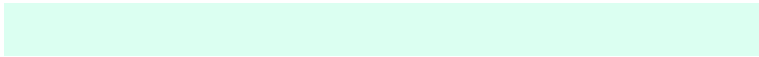
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2098, 0.3008, 0.3408



92.9927, 0.2987, 0.3431



64.3838, 0.2944, 0.3259



14.7402, 0.3033, 0.3382



31.0947, 0.2611, 0.4598



2.0311, 0.2544, 0.4360

Inverse Universe

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



56.2190, 0.3264, 0.3175



77.9655, 0.3291, 0.3154



56.9083, 0.3339, 0.3321



13.1341, 0.3232, 0.3200



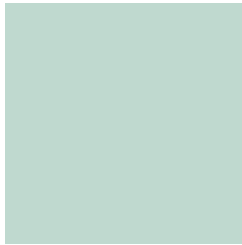
9.3323, 0.5428, 0.2764



0.6211, 0.4988, 0.2522

Previews

White Background



This preview shows how the Yxy color 65.2071, 0.3008, 0.3408 looks on a white background.

Color Contrast Check

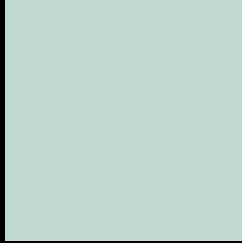
Large Text (above 18pt) WCAG AA × Fail

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 65.2071, 0.3008, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

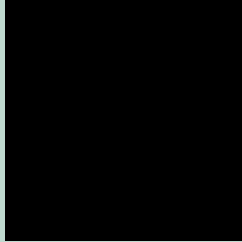
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

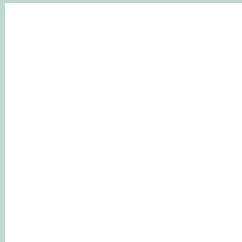
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2071, 0.3008, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 65.2071, 0.3008, 0.3408.

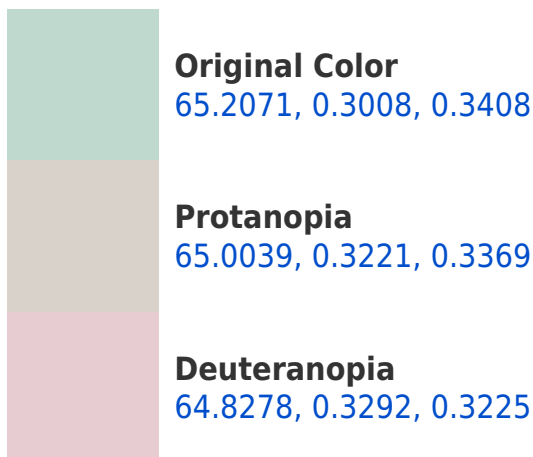


This preview shows how white text looks on a background with the Yxy color 65.2071, 0.3008, 0.3408.

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

64.9038, 0.2889, 0.3095

Trichromacy



Original Color

65.2071, 0.3008, 0.3408

Protanomaly

65.2135, 0.3144, 0.3394

Deuteranomaly

64.8033, 0.3180, 0.3290

Tritanomaly

64.8364, 0.2933, 0.3197

Monochromacy



Original Color

65.2071, 0.3008, 0.3408

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.6992, 0.3081, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2071, 0.3008, 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(191, 217, 207)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 207)  
}
```

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(191, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 207) }
```

Border

The CSS property to change the border of an element to Yxy 65.2071, 0.3008, 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(191, 217, 207) }
```

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

```
.border{ border-color:rgb(191, 217, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 217, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2071, 0.3008, 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(191, 217, 207) }
```

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

```
.background{ background-color: rgb(191,  
217, 207) }
```

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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