

Converting Colors

$Yxy(65.6606, 0.3028, 0.3389)$

Have a look what the booklet for
Yxy(65.6606, 0.3028, 0.3389)
contains.

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Color

Yxy(65.7819, 0.3030, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	C3D9D0
RGB	195, 217, 208
RGB Percent	76%, 85%, 82%
CMY	0.2351, 0.1490, 0.1844
CMYK	0.10, 0.00, 0.04, 0.15
HSL	155°, 22%, 81%
HSV	155°, 10%, 85%
XYZ	58.7096, 65.7819, 69.2696
YIQ	209.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

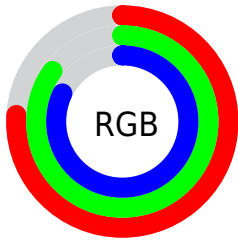
Format	Color
RYB	195, 209, 217
Decimal	12835280
CIELab	84.89, -9.03, 1.93
CIELCh	85, 9.232, 167.944
Yxy	65.7819, 0.3030, 0.3395
Android (android.graphics.Color)	4291025360 (0xFFC3D9D0)
YUV	209.3960, -0.6882, -12.6253
Hunter-Lab	81.1060, -12.7261, 6.1369

Details

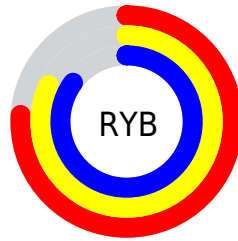
The Yxy color **65.7819, 0.3030, 0.3395** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1605, 0.3236, 0.3187**, and the grayscale version is **64.0471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **33.8365, 0.3000, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **62.6744, 0.2937, 0.3510**, and if you desaturate by 10%, it is **69.3396, 0.3126, 0.3291**.

Distribution



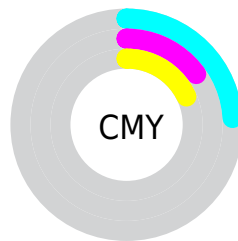
- Red (76%)
- Green (85%)
- Blue (82%)



- Red (76%)
- Yellow (82%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7819, 0.3030, 0.3395 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 65.7819, 0.3030, 0.3395 by changing the saturation by 10% instead.

65.7819, 0.3030,
0.3395

65.7819, 0.3030,
0.3395

445.5965, 0.3076,
0.3345

48.0954, 0.3019,
0.3407

113.1732, 0.3046,
0.3377

33.9024, 0.3006,
0.3421

143.6469, 0.3052,
0.3371

22.8186, 0.2988,
0.3440

179.1516, 0.3058,
0.3365

14.4597, 0.2965,
0.3465

220.0719, 0.3062,
0.3360

8.4411, 0.2933,
0.3501

266.7922, 0.3066,
0.3356

4.3784, 0.2885,
0.3554

319.6967, 0.3070,

1.8874, 0.2805,

0.3352

0.3643

379.1700, 0.3073,
0.3348

0.5408, 0.2279,
0.4197

0.0000, 0.0000,
0.0000

65.7819, 0.3030,
0.3395

65.7819, 0.3030,
0.3395

62.6744, 0.2937,
0.3510

69.3396, 0.3126,
0.3291

59.9904, 0.2850,
0.3637


73.3565, 0.3223,
0.3199


57.7129, 0.2772,
0.3775


76.8643, 0.3282,
0.3114


55.8205, 0.2706,
0.3923


77.3909, 0.3221,
0.3028


 54.2898, 0.2655,
0.4078


 77.9436, 0.3161,
0.2944

 53.0949, 0.2623,
0.4237

 78.1039, 0.3145,
0.2920

 52.2060, 0.2610,
0.4398

 51.5881, 0.2618,
0.4557

 51.1820, 0.2642,
0.4710

Harmonies

Analogous

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



65.7819, 0.3143, 0.3469



65.7819, 0.3030, 0.3395



65.7819, 0.2944, 0.3293

Triad

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



65.7819, 0.3030, 0.3395



65.7819, 0.2999, 0.3095



65.7819, 0.3354, 0.3382

Complementary

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



65.7819, 0.3030, 0.3395



58.1605, 0.3236, 0.3187

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.



65.7819, 0.3314, 0.3284



65.7819, 0.3030, 0.3395



65.7819, 0.3108, 0.3120

Square

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



65.7819, 0.3030, 0.3395



65.7819, 0.2926, 0.3120



65.7819, 0.3223, 0.3188



65.7819, 0.3332, 0.3459

Rectangle

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



65.7819, 0.3030, 0.3395



65.7819, 0.2912, 0.3223



65.7819, 0.3223, 0.3188



65.7819, 0.3347, 0.3350

Sweetspot

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



65.7847, 0.3030, 0.3395



98.3774, 0.3098, 0.3320



66.4297, 0.3182, 0.3545



20.9662, 0.3090, 0.3328



0.0000, 0.0000, 0.0000



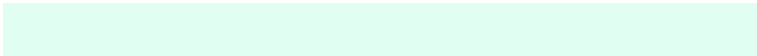
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7847, 0.3030, 0.3395



93.8691, 0.3011, 0.3417



65.3026, 0.2972, 0.3268



14.7345, 0.3036, 0.3388



31.0055, 0.2635, 0.4688



2.0257, 0.2565, 0.4434

Inverse Universe

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



58.1605, 0.3236, 0.3187



80.8982, 0.3260, 0.3166



58.5658, 0.3303, 0.3312



13.1396, 0.3228, 0.3194



9.3865, 0.5325, 0.2707



0.6250, 0.4900, 0.2473

Previews

White Background



This preview shows how the Yxy color 65.7819, 0.3030, 0.3395 looks on a white background.

Color Contrast Check

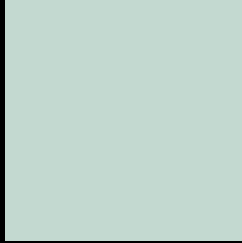
Large Text (above 18pt) WCAG AA × Fail

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 65.7819, 0.3030, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

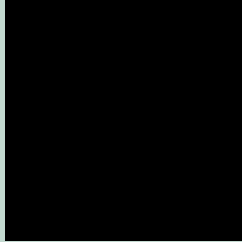
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

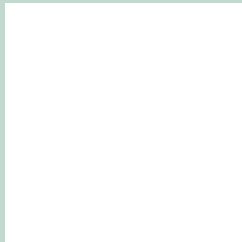
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7819, 0.3030, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 65.7819, 0.3030, 0.3395.

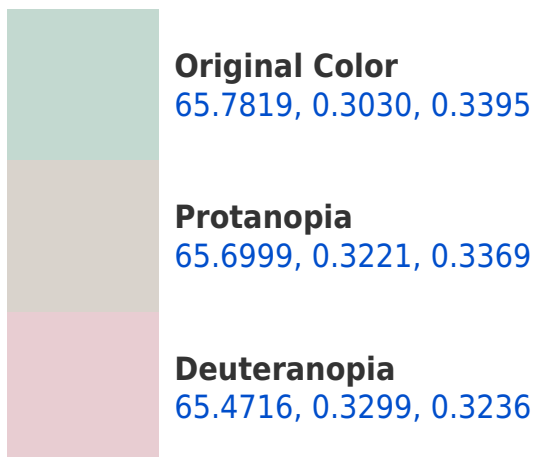


This preview shows how white text looks on a background with the Yxy color 65.7819, 0.3030, 0.3395.

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

66.0048, 0.2911, 0.3097

Trichromacy



Original Color

65.7819, 0.3030, 0.3395

Protanomaly

65.5516, 0.3152, 0.3382

Deuteranomaly

65.2644, 0.3202, 0.3290

Tritanomaly

65.9344, 0.2954, 0.3198

Monochromacy



Original Color

65.7819, 0.3030, 0.3395

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5278, 0.3089, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7819, 0.3030, 0.3395 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(195, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(195, 217, 208)  
}
```

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(195, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 217, 208) }
```

Border

The CSS property to change the border of an element to Yxy 65.7819, 0.3030, 0.3395 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(195, 217, 208) }
```

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

```
.border{ border-color:rgb(195, 217, 208) }
```

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

Here you see how a box with a 4 pixel rgb(195, 217, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(195, 217,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7819, 0.3030, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 217, 208) }
```

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

```
.background{ background-color: rgb(195,  
217, 208) }
```

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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