

Converting Colors

$Yxy(65.8026, 0.3088, 0.3357)$

Have a look what the booklet for
Yxy(65.8026, 0.3088, 0.3357)
contains.

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Color

Yxy(66.0417, 0.3088, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	CCD7D1
RGB	204, 215, 209
RGB Percent	80%, 84%, 82%
CMY	0.1999, 0.1569, 0.1805
CMYK	0.05, 0.00, 0.03, 0.16
HSL	147°, 12%, 82%
HSV	147°, 5%, 84%
XYZ	60.7135, 66.0417, 69.8560
YIQ	211.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

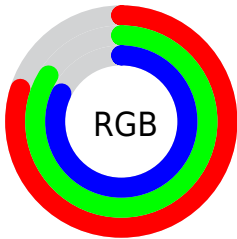
Format	Color
RYB	204, 212, 215
Decimal	13424593
CIELab	85.02, -4.81, 1.67
CIElCh	85, 5.092, 160.820
Yxy	66.0417, 0.3088, 0.3359
Android (android.graphics.Color)	4291614673 (0xFFCCD7D1)
YUV	211.0270, -0.9993, -6.1627
Hunter-Lab	81.2660, -8.8589, 5.9208

Details

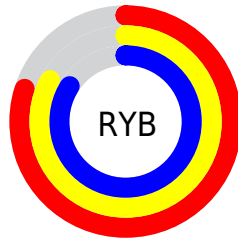
The Yxy color **66.0417, 0.3088, 0.3359** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2997, 0.3168, 0.3222**, and the grayscale version is **65.1722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9922, 0.3076, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **62.6502, 0.3012, 0.3507**, and if you desaturate by 10%, it is **69.9014, 0.3165, 0.3228**.

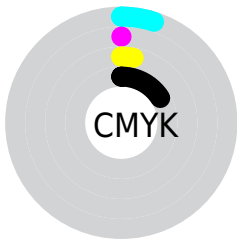
Distribution



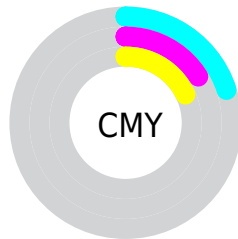
- Red (80%)
- Green (84%)
- Blue (82%)



- Red (80%)
- Yellow (83%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0417, 0.3088, 0.3359 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 66.0417, 0.3088, 0.3359 by changing the saturation by 10% instead.

■ 66.0417, 0.3088,
0.3359

■ 66.0417, 0.3088,
0.3359

446.5260, 0.3107,
0.3326

■ 48.3063, 0.3084,
0.3367

113.5462, 0.3095,
0.3348

■ 34.0695, 0.3078,
0.3376

144.0840, 0.3097,
0.3343

■ 22.9470, 0.3071,
0.3388

179.6581, 0.3099,
0.3339

■ 14.5544, 0.3062,
0.3405

220.6528, 0.3101,
0.3336

■ 8.5072, 0.3049,
0.3428

267.4526, 0.3103,
0.3333

■ 4.4212, 0.3029,
0.3462

320.4417, 0.3104,

■ 1.9119, 0.2997,

0.3331

0.3519

380.0048, 0.3105,
0.3328

0.5555, 0.2824,
0.3821

0.0000, 0.0000,
0.0000

66.0417, 0.3088,
0.3359

66.0417, 0.3088,
0.3359

62.6502, 0.3012,
0.3507

69.9014, 0.3165,
0.3228

59.7005, 0.2939,
0.3671

74.2379, 0.3241,
0.3112

57.1762, 0.2872,
0.3852

76.4142, 0.3217,
0.3001

55.0567, 0.2814,
0.4047

77.0812, 0.3145,
0.2900

■ 53.3195, 0.2768,
0.4254

■ 51.9400, 0.2737,
0.4469

■ 50.8904, 0.2724,
0.4684

■ 50.1387, 0.2731,
0.4895

■ 49.6458, 0.2757,
0.5093

Harmonies

Analogous

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



66.0417, 0.3152, 0.3393



66.0417, 0.3088, 0.3359



66.0417, 0.3035, 0.3306

Triad

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



66.0417, 0.3088, 0.3359



66.0417, 0.3045, 0.3183



66.0417, 0.3249, 0.3329

Complementary

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



66.0417, 0.3088, 0.3359



62.2997, 0.3168, 0.3222

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.



66.0417, 0.3220, 0.3274



66.0417, 0.3088, 0.3359



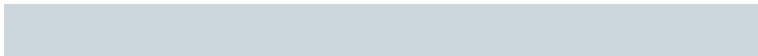
66.0417, 0.3102, 0.3190

Square

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



66.0417, 0.3088, 0.3359



66.0417, 0.3010, 0.3204



66.0417, 0.3166, 0.3223



66.0417, 0.3245, 0.3375

Rectangle

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



66.0417, 0.3088, 0.3359



66.0417, 0.3013, 0.3267



66.0417, 0.3166, 0.3223



66.0417, 0.3243, 0.3311

Sweetspot

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



66.0445, 0.3088, 0.3359



98.8667, 0.3112, 0.3317



66.6726, 0.3165, 0.3415



21.1734, 0.3112, 0.3315



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.



66.0445, 0.3088, 0.3359



96.6841, 0.3081, 0.3372



66.3201, 0.3052, 0.3296



14.2020, 0.3077, 0.3380



29.6073, 0.2766, 0.5157



1.8023, 0.2672, 0.4820

Inverse Universe

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



62.2997, 0.3168, 0.3222



90.1866, 0.3176, 0.3209



62.0316, 0.3208, 0.3284



13.1640, 0.3181, 0.3202



9.4437, 0.4744, 0.2387



0.5862, 0.4407, 0.2201

Previews

White Background



This preview shows how the Yxy color 66.0417, 0.3088, 0.3359 looks on a white background.

Color Contrast Check

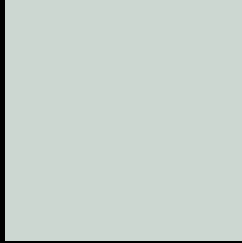
Large Text (above 18pt) WCAG AA × Fail

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 66.0417, 0.3088, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

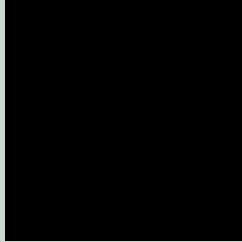
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

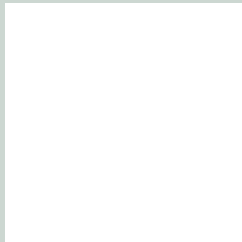
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0417, 0.3088, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 66.0417, 0.3088, 0.3359.



This preview shows how white text looks on a background with the Yxy color 66.0417, 0.3088, 0.3359.

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

66.0095, 0.2978, 0.3100

Trichromacy



Original Color

66.0417, 0.3088, 0.3359

Protanomaly

65.6381, 0.3155, 0.3335

Deuteranomaly

65.7837, 0.3218, 0.3279

Tritanomaly

65.9842, 0.3017, 0.3188

Monochromacy



Original Color

66.0417, 0.3088, 0.3359

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.1500, 0.3111, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0417, 0.3088, 0.3359 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(204, 215, 209)` looks like.

```
.text, #text, p{  
    color:rgb(204, 215, 209)  
}
```

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(204, 215, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 215, 209) }
```

Border

The CSS property to change the border of an element to Yxy 66.0417, 0.3088, 0.3359 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(204, 215, 209) }
```

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

```
.border{ border-color:rgb(204, 215, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 215, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 215, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 215, 209);  
box-shadow:4px 4px 4px 4px rgb(204, 215,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0417, 0.3088, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 215, 209) }
```

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

```
.background{ background-color: rgb(204,  
215, 209) }
```

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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