

Converting Colors

Yxy(67.4507, 0.3088, 0.3358)

Have a look what the booklet for
Yxy(67.4507, 0.3088, 0.3358)
contains.

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Color

Yxy(67.4507, 0.3088, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	CED9D3
RGB	206, 217, 211
RGB Percent	81%, 85%, 83%
CMY	0.1921, 0.1490, 0.1725
CMYK	0.05, 0.00, 0.03, 0.15
HSL	147°, 13%, 83%
HSV	147°, 5%, 85%
XYZ	62.0273, 67.4507, 71.3877
YIQ	213.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

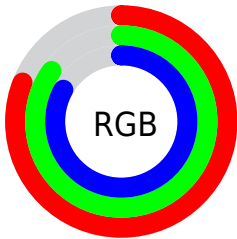
Format	Color
R _Y B	206, 214, 217
Decimal	13556179
CIE Lab	85.73, -4.80, 1.65
CIE LCh	86, 5.076, 161.018
Yxy	67.4507, 0.3088, 0.3358
Android (android.graphics.Color)	4291746259 (0xFFCED9D3)
YUV	213.0270, -0.9993, -6.1627
Hunter-Lab	82.1284, -8.9128, 5.9538

Details

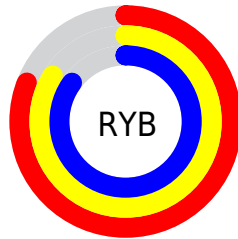
The Yxy color **67.4507, 0.3088, 0.3358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6520, 0.3168, 0.3223**, and the grayscale version is **66.5707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9504, 0.3077, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **63.9879, 0.3012, 0.3505**, and if you desaturate by 10%, it is **71.3916, 0.3165, 0.3228**.

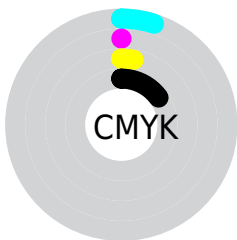
Distribution



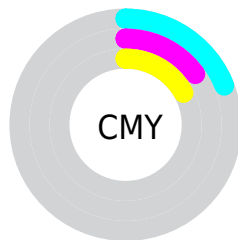
- Red (81%)
- Green (85%)
- Blue (83%)



- Red (81%)
- Yellow (84%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4507, 0.3088, 0.3358 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 67.4507, 0.3088, 0.3358 by changing the saturation by 10% instead.

■ 67.4507, 0.3088,
0.3358

■ 67.4507, 0.3088,
0.3358

451.5474, 0.3107,
0.3326

■ 49.4510, 0.3084,
0.3365

115.5660, 0.3094,
0.3347

■ 34.9774, 0.3078,
0.3375

146.4503, 0.3097,
0.3342

■ 23.6454, 0.3071,
0.3387

182.3984, 0.3099,
0.3339

■ 15.0708, 0.3062,
0.3403

223.7945, 0.3101,
0.3336

■ 8.8691, 0.3049,
0.3425

271.0230, 0.3103,
0.3333

■ 4.6559, 0.3030,
0.3458

324.4684, 0.3104,

■ 2.0468, 0.2999,

0.3330

384.5151, 0.3105,
0.3328

0.3512

0.6345, 0.2865,
0.3742

0.0000, 0.0000,
0.0000

67.4507, 0.3088,
0.3358

67.4507, 0.3088,
0.3358

63.9879, 0.3012,
0.3505

71.3916, 0.3165,
0.3228

60.9762, 0.2938,
0.3668

75.8194, 0.3242,
0.3113

58.3988, 0.2871,
0.3847

77.5688, 0.3202,
0.3001

56.2347, 0.2812,
0.4041

78.1065, 0.3145,
0.2920

■ 54.4609, 0.2765,
0.4247

■ 53.0522, 0.2734,
0.4460

■ 51.9804, 0.2721,
0.4674

■ 51.2126, 0.2728,
0.4884

■ 50.7089, 0.2753,
0.5081

Harmonies

Analogous

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



67.4507, 0.3151, 0.3392



67.4507, 0.3088, 0.3358



67.4507, 0.3036, 0.3305

Triad

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



67.4507, 0.3088, 0.3358



67.4507, 0.3046, 0.3184



67.4507, 0.3248, 0.3329

Complementary

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



67.4507, 0.3088, 0.3358



63.6520, 0.3168, 0.3223

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.



67.4507, 0.3219, 0.3274



67.4507, 0.3088, 0.3358



67.4507, 0.3102, 0.3191

Square

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



67.4507, 0.3088, 0.3358



67.4507, 0.3012, 0.3205



67.4507, 0.3166, 0.3224



67.4507, 0.3244, 0.3375

Rectangle

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



67.4507, 0.3088, 0.3358



67.4507, 0.3014, 0.3267



67.4507, 0.3166, 0.3224



67.4507, 0.3242, 0.3311

Sweetspot

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



67.4536, 0.3088, 0.3358



98.8680, 0.3112, 0.3317



68.0884, 0.3165, 0.3414



21.1737, 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.



67.4536, 0.3088, 0.3358



96.6878, 0.3080, 0.3372



67.7309, 0.3052, 0.3296



14.9294, 0.3076, 0.3380



30.6051, 0.2763, 0.5146



2.0000, 0.2675, 0.4831

Inverse Universe

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



63.6520, 0.3168, 0.3223



90.1829, 0.3177, 0.3210



63.3823, 0.3207, 0.3284



13.8341, 0.3182, 0.3202



9.7456, 0.4762, 0.2397



0.6487, 0.4440, 0.2220

Previews

White Background



This preview shows how the Yxy color 67.4507, 0.3088, 0.3358 looks on a white background.

Color Contrast Check

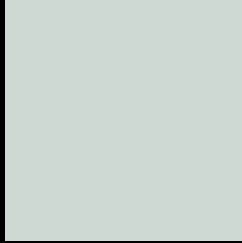
Large Text (above 18pt) WCAG AA × Fail

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 67.4507, 0.3088, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

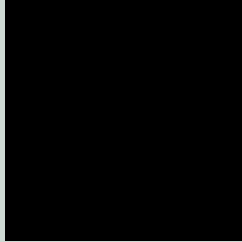
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

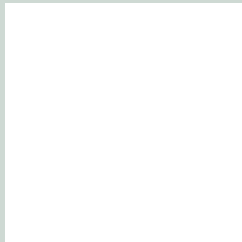
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4507, 0.3088, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 67.4507, 0.3088, 0.3358.

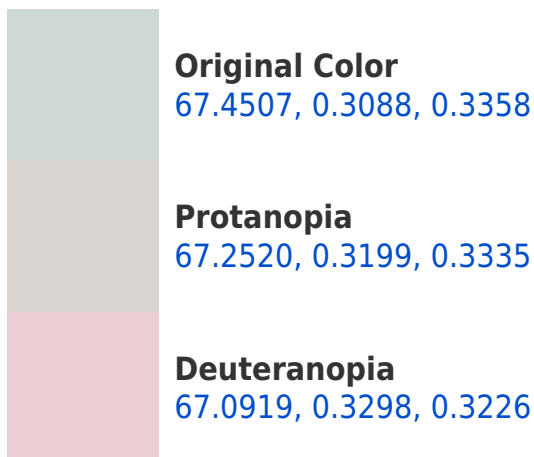


This preview shows how white text looks on a background with the Yxy color 67.4507, 0.3088, 0.3358.

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

67.4180, 0.2979, 0.3101

Trichromacy



Original Color

67.4507, 0.3088, 0.3358

Protanomaly

67.0424, 0.3154, 0.3335

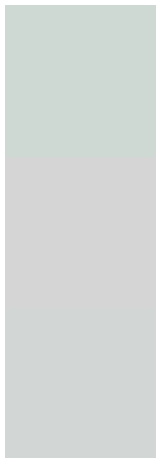
Deuteranomaly

67.1893, 0.3217, 0.3279

Tritanomaly

67.3926, 0.3017, 0.3189

Monochromacy



Original Color

67.4507, 0.3088, 0.3358

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5482, 0.3112, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4507, 0.3088, 0.3358 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(206, 217, 211)` looks like.

```
.text, #text, p{  
    color:rgb(206, 217, 211)  
}
```

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(206, 217, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 217, 211) }
```

Border

The CSS property to change the border of an element to Yxy 67.4507, 0.3088, 0.3358 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(206, 217, 211) }
```

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

```
.border{ border-color:rgb(206, 217, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 217, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 217, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 217, 211);  
box-shadow:4px 4px 4px 4px rgb(206, 217,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4507, 0.3088, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 217, 211) }
```

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

```
.background{ background-color: rgb(206,  
217, 211) }
```

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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