

Converting Colors

$Yxy(67.2970, 0.3082, 0.3487)$

Have a look what the booklet for
Yxy(67.2970, 0.3082, 0.3487)
contains.

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Color

Yxy(67.5040, 0.3082, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	C6DCCB
RGB	198, 220, 203
RGB Percent	78%, 86%, 80%
CMY	0.2238, 0.1372, 0.2039
CMYK	0.10, 0.00, 0.08, 0.14
HSL	134°, 24%, 82%
HSV	134°, 10%, 86%
XYZ	59.6466, 67.5040, 66.3815
YIQ	211.4840, -7.6550, -9.9510

Conversions

Conversions Part 2

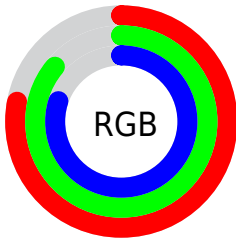
Format	Color
R _{YB}	198, 216, 220
Decimal	13032651
CIE Lab	85.76, -10.54, 5.86
CIE LCh	86, 12.056, 150.930
Yxy	67.5040, 0.3082, 0.3488
Android (android.graphics.Color)	4291222731 (0xFFC6DCCB)
YUV	211.4840, -4.1826, -11.8255
Hunter-Lab	82.1608, -14.1951, 9.6094

Details

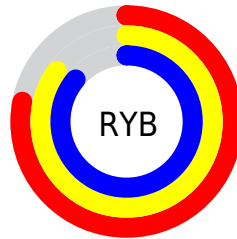
The Yxy color **67.5040, 0.3082, 0.3488** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4793, 0.3176, 0.3100**, and the grayscale version is **65.5042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0095, 0.3069, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **63.9675, 0.3037, 0.3711**, and if you desaturate by 10%, it is **71.5690, 0.3127, 0.3291**.

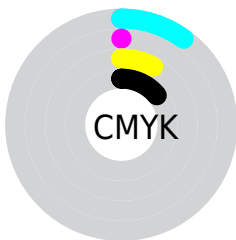
Distribution



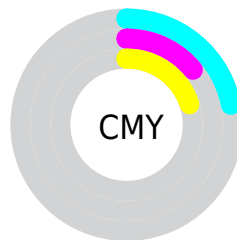
- Red (78%)
- Green (86%)
- Blue (80%)



- Red (78%)
- Yellow (85%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5040, 0.3082, 0.3488 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 67.5040, 0.3082, 0.3488 by changing the saturation by 10% instead.

67.5040, 0.3082,
0.3488

67.5040, 0.3082,
0.3488

451.7367, 0.3104,
0.3394

49.4943, 0.3077,
0.3510

115.6423, 0.3090,
0.3455

35.0118, 0.3070,
0.3538

146.5397, 0.3093,
0.3442

23.6719, 0.3061,
0.3574

182.5018, 0.3095,
0.3431

15.0904, 0.3050,
0.3622

223.9130, 0.3097,
0.3422

8.8829, 0.3033,
0.3690

271.1577, 0.3099,
0.3413

4.6649, 0.3007,
0.3792


324.6203, 0.3101,

2.0520, 0.2963,


0.3406


0.3964


384.6851, 0.3103,
0.3400


 0.6374, 0.2744,
0.5017


 0.0000, 0.0000,
0.0000


 67.5040, 0.3082,
0.3488


 67.5040, 0.3082,
0.3488


 63.9675, 0.3037,
0.3711


 71.5690, 0.3127,
0.3291


 60.9293, 0.2994,
0.3959

 76.1740, 0.3171,
0.3118

 58.3694, 0.2955,
0.4229

 79.6065, 0.3151,
0.2961

 56.2629, 0.2922,
0.4516

 79.6792, 0.3143,
0.2950

■ 54.5827, 0.2899,
0.4810

■ 53.2989, 0.2888,
0.5097

■ 52.3774, 0.2891,
0.5361

■ 51.7780, 0.2908,
0.5588

■ 51.4333, 0.2934,
0.5764

Harmonies

Analogous

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



67.5040, 0.3232, 0.3548



67.5040, 0.3082, 0.3488



67.5040, 0.2947, 0.3371

Triad

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



67.5040, 0.3082, 0.3488



67.5040, 0.2901, 0.3048



67.5040, 0.3401, 0.3337

Complementary

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



67.5040, 0.3082, 0.3488



60.4793, 0.3176, 0.3100

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.



67.5040, 0.3309, 0.3209



67.5040, 0.3082, 0.3488



67.5040, 0.3018, 0.3045

Square

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



67.5040, 0.3082, 0.3488



67.5040, 0.2844, 0.3115



67.5040, 0.3167, 0.3103



67.5040, 0.3419, 0.3456

Rectangle

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



67.5040, 0.3082, 0.3488



67.5040, 0.2882, 0.3279



67.5040, 0.3167, 0.3103



67.5040, 0.3378, 0.3294

Sweetspot

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



67.5069, 0.3082, 0.3488



98.2039, 0.3114, 0.3347



69.7561, 0.3241, 0.3539



20.9194, 0.3110, 0.3363



0.0000, 0.0000, 0.0000



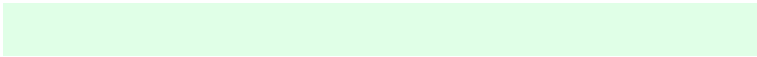
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5069, 0.3082, 0.3488



93.2243, 0.3073, 0.3532



68.0383, 0.3013, 0.3362



14.6549, 0.3085, 0.3475



30.1923, 0.2928, 0.5741



1.9693, 0.2841, 0.5428

Inverse Universe

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



60.4793, 0.3176, 0.3100



81.5629, 0.3187, 0.3060



59.9439, 0.3256, 0.3220



13.2211, 0.3173, 0.3112



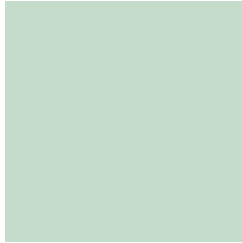
10.6412, 0.3886, 0.1915



0.7021, 0.3754, 0.1841

Previews

White Background



This preview shows how the Yxy color 67.5040, 0.3082, 0.3488 looks on a white background.

Color Contrast Check

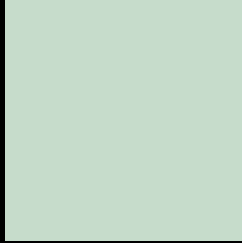
Large Text (above 18pt) WCAG AA × Fail

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 67.5040, 0.3082, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

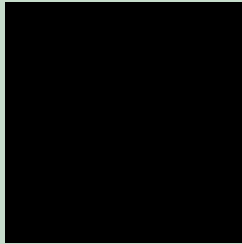
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

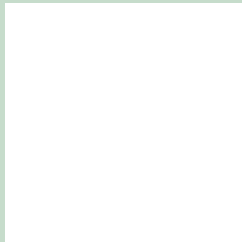
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5040, 0.3082, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 67.5040, 0.3082, 0.3488.

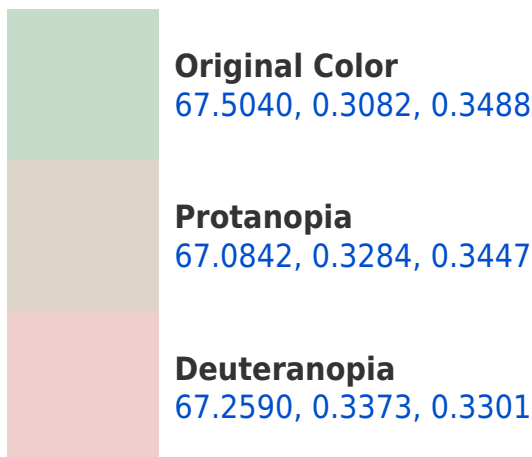


This preview shows how white text looks on a background with the Yxy color 67.5040, 0.3082, 0.3488.

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

67.6914, 0.2926, 0.3100

Trichromacy



Original Color

67.5040, 0.3082, 0.3488

Protanomaly

67.4280, 0.3214, 0.3472

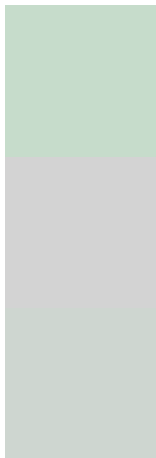
Deuteranomaly

67.1827, 0.3258, 0.3368

Tritanomaly

67.3171, 0.2982, 0.3233

Monochromacy



Original Color

67.5040, 0.3082, 0.3488

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.7690, 0.3109, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5040, 0.3082, 0.3488 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(198, 220, 203)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 203)  
}
```

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(198, 220, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 203) }
```

Border

The CSS property to change the border of an element to Yxy 67.5040, 0.3082, 0.3488 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(198, 220, 203) }
```

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

```
.border{ border-color:rgb(198, 220, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 220, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 220, 203);  
box-shadow:4px 4px 4px 4px rgb(198, 220,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5040, 0.3082, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 203) }
```

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

```
.background{ background-color: rgb(198,  
220, 203) }
```

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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