

Converting Colors

$Yxy(66.0654, 0.3326, 0.3758)$

Have a look what the booklet for
Yxy(66.0654, 0.3326, 0.3758)
contains.

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Color

Yxy(66.0654, 0.3326, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	CFD9B1
RGB	207, 217, 177
RGB Percent	81%, 85%, 69%
CMY	0.1884, 0.1489, 0.3059
CMYK	0.05, 0.00, 0.18, 0.15
HSL	75°, 35%, 77%
HSV	75°, 18%, 85%
XYZ	58.4709, 66.0654, 51.2631
YIQ	209.4500, 6.8800, -14.5600

Conversions

Conversions Part 2

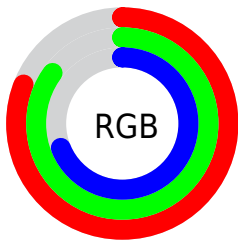
Format	Color
RYB	177, 217, 187
Decimal	13621681
CIELab	85.03, -10.23, 18.60
CIElCh	85, 21.228, 118.811
Yxy	66.0654, 0.3326, 0.3758
Android (android.graphics.Color)	4291811761 (0xFFCFD9B1)
YUV	209.4500, -15.9978, -2.1486
Hunter-Lab	81.2806, -13.8335, 19.5027

Details

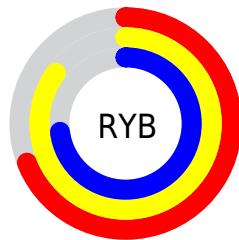
The Yxy color **66.0654, 0.3326, 0.3758** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.0268, 0.2903, 0.2800**, and the grayscale version is **64.1701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **33.9713, 0.3370, 0.3880** is the 20% darker color. If you saturate the color by 10%, you get **64.4982, 0.3433, 0.4027**, and if you desaturate by 10%, it is **67.8031, 0.3218, 0.3498**.

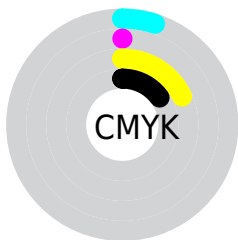
Distribution



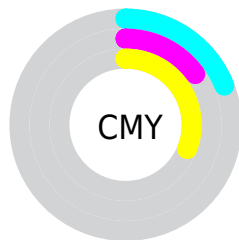
- Red (81%)
- Green (85%)
- Blue (69%)



- Red (69%)
- Yellow (85%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)




- Cyan (19%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0654, 0.3326, 0.3758 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 66.0654, 0.3326, 0.3758 by changing the saturation by 10% instead.

 66.0654, 0.3326,
0.3758

 66.0654, 0.3326,
0.3758


446.6107, 0.3235,
0.3533

 48.3255, 0.3346,
0.3811


 113.5802, 0.3295,
0.3679

 34.0847, 0.3371,
0.3878


144.1239, 0.3282,
0.3648

 22.9587, 0.3403,
0.3964


179.7043, 0.3272,
0.3622

 14.5630, 0.3442,
0.4079

220.7058, 0.3262,
0.3600

 8.5133, 0.3494,
0.4241

267.5128, 0.3254,
0.3580

 4.4251, 0.3563,
0.4483

320.5097, 0.3247,

 1.9141, 0.3714,

0.3563

0.4961

380.0809, 0.3241,
0.3547

0.5568, 0.3342,
0.6658

0.0000, 0.0000,
0.0000

66.0654, 0.3326,
0.3758

66.0654, 0.3326,
0.3758

64.4982, 0.3433,
0.4027

67.8031, 0.3218,
0.3498

63.0862, 0.3533,
0.4297


69.7091, 0.3111,
0.3253

61.8250, 0.3623,
0.4560


71.7921, 0.3008,
0.3025

60.7065, 0.3696,
0.4803


73.4777, 0.2964,
0.2899

 59.7220, 0.3748,
0.5016

 74.3885, 0.3001,
0.2904

 58.8616, 0.3775,
0.5188


 75.3278, 0.3038,
0.2908


 58.1135, 0.3776,
0.5313

 76.2958, 0.3076,
0.2912

 57.4604, 0.3755,
0.5393

 77.2927, 0.3114,
0.2917

 57.3632, 0.3750,
0.5404

 78.1152, 0.3144,
0.2920

Harmonies

Analogous

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



66.0654, 0.3543, 0.3716



66.0654, 0.3326, 0.3758



66.0654, 0.3062, 0.3661

Triad

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



66.0654, 0.3326, 0.3758



66.0654, 0.2631, 0.2988



66.0654, 0.3433, 0.3131

Complementary

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



66.0654, 0.3326, 0.3758



47.0268, 0.2903, 0.2800

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.



66.0654, 0.3176, 0.2956



66.0654, 0.3326, 0.3758



66.0654, 0.2719, 0.2870

Square

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



66.0654, 0.3326, 0.3758



66.0654, 0.2667, 0.3199



66.0654, 0.2916, 0.2861



66.0654, 0.3609, 0.3349

Rectangle

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



66.0654, 0.3326, 0.3758



66.0654, 0.2895, 0.3529



66.0654, 0.2916, 0.2861



66.0654, 0.3353, 0.3066

Sweetspot

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



66.0683, 0.3326, 0.3758



98.3310, 0.3192, 0.3438



53.4707, 0.3464, 0.3409



21.0092, 0.3199, 0.3455



0.0000, 0.0000, 0.0000



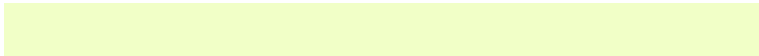
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0683, 0.3326, 0.3758



94.3207, 0.3366, 0.3858



63.3746, 0.3176, 0.3780



15.0905, 0.3228, 0.3524



34.7704, 0.3757, 0.5399



2.2924, 0.3831, 0.5340

Inverse Universe

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



47.0268, 0.2903, 0.2800



62.1681, 0.2850, 0.2689



49.7215, 0.3065, 0.2823



12.7746, 0.3020, 0.3051



3.5594, 0.1650, 0.0683



0.2714, 0.1818, 0.0775

Previews

White Background



This preview shows how the Yxy color 66.0654, 0.3326, 0.3758 looks on a white background.

Color Contrast Check

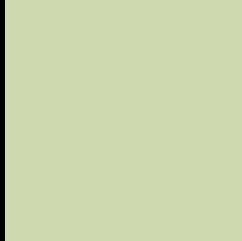
Large Text (above 18pt) WCAG AA × Fail

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 66.0654, 0.3326, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

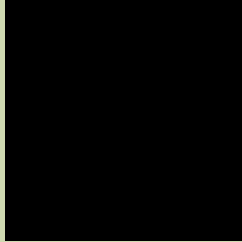
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

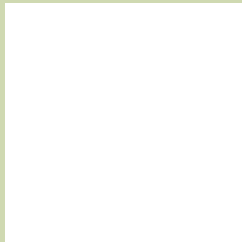
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0654, 0.3326, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 66.0654, 0.3326, 0.3758.



This preview shows how white text looks on a background with the Yxy color 66.0654, 0.3326, 0.3758.

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



Original Color

66.0654, 0.3326, 0.3758

Protanopia

65.9903, 0.3490, 0.3719

Deuteranopia

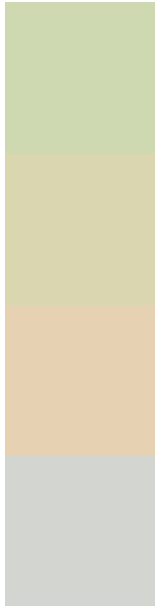
65.7141, 0.3626, 0.3549



Tritanopia

65.9354, 0.3041, 0.3102

Trichromacy



Original Color

66.0654, 0.3326, 0.3758

Protanomaly

66.0937, 0.3431, 0.3736

Deuteranomaly

65.8445, 0.3516, 0.3623

Tritanomaly

66.0408, 0.3140, 0.3335

Monochromacy



Original Color

66.0654, 0.3326, 0.3758

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5281, 0.3201, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0654, 0.3326, 0.3758 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(207, 217, 177)` looks like.

```
.text, #text, p{  
    color:rgb(207, 217, 177)  
}
```

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(207, 217, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 217, 177) }
```

Border

The CSS property to change the border of an element to Yxy 66.0654, 0.3326, 0.3758 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(207, 217, 177) }
```

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

```
.border{ border-color:rgb(207, 217, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 217, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 217, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 217, 177);  
box-shadow:4px 4px 4px 4px rgb(207, 217,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0654, 0.3326, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 217, 177) }
```

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

```
.background{ background-color: rgb(207,  
217, 177) }
```

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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