

Converting Colors

$Yxy(66.6469, 0.3374, 0.3454)$

Have a look what the booklet for
Yxy(66.6469, 0.3374, 0.3454)
contains.

Yxy(66.6913, 0.3379, 0.3456)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.6913, 0.3379, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	E5D2C3
RGB	229, 210, 195
RGB Percent	90%, 82%, 76%
CMY	0.1021, 0.1764, 0.2352
CMYK	0.00, 0.08, 0.15, 0.10
HSL	26°, 39%, 83%
HSV	26°, 15%, 90%
XYZ	65.2054, 66.6913, 61.0758
YIQ	213.9710, 16.1390, -0.6370

Conversions

Conversions Part 2

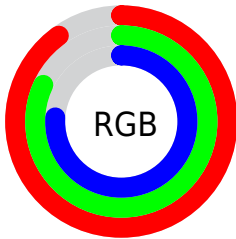
Format	Color
R _Y B	229, 222, 195
Decimal	15061699
CIE Lab	85.35, 4.14, 9.79
CIE LCh	85, 10.632, 67.110
Yxy	66.6913, 0.3379, 0.3456
Android (android.graphics.Color)	4293251779 (0xFFE5D2C3)
YUV	213.9710, -9.3527, 13.1804
Hunter-Lab	81.6647, -0.3895, 12.8232

Details

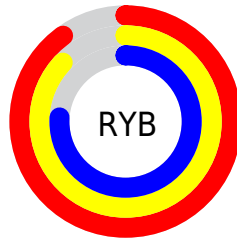
The Yxy color **66.6913, 0.3379, 0.3456** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3438, 0.2896, 0.3118**, and the grayscale version is **67.2811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **34.5843, 0.3441, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **59.6723, 0.3582, 0.3575**, and if you desaturate by 10%, it is **74.3796, 0.3203, 0.3342**.

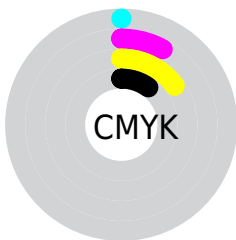
Distribution



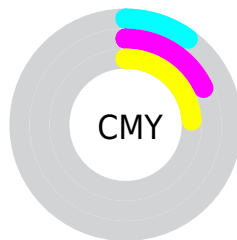
- Red (90%)
- Green (82%)
- Blue (76%)



- Red (90%)
- Yellow (87%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (10%)



- Cyan (10%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6913, 0.3379, 0.3456 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 66.6913, 0.3379, 0.3456 by changing the saturation by 10% instead.

66.6913, 0.3379,
0.3456

66.6913, 0.3379,
0.3456

448.8452, 0.3260,
0.3379

48.8338, 0.3407,
0.3474

114.4780, 0.3337,
0.3429

34.4877, 0.3441,
0.3496

145.1759, 0.3321,
0.3419

23.2685, 0.3486,
0.3523

180.9228, 0.3307,
0.3410

14.7919, 0.3545,
0.3560

222.1030, 0.3295,
0.3402

8.6735, 0.3626,
0.3609

269.1010, 0.3285,
0.3395

4.5288, 0.3747,
0.3680

322.3011, 0.3276,

1.9735, 0.3944,

0.3389

0.3791

382.0877, 0.3267,
0.3384

0.5920, 0.5285,
0.4715

0.0000, 0.0000,
0.0000

66.6913, 0.3379,
0.3456

66.6913, 0.3379,
0.3456

59.6723, 0.3582,
0.3575

74.3796, 0.3203,
0.3342

53.2947, 0.3813,
0.3696

82.7464, 0.3052,
0.3236

47.5416, 0.4073,
0.3813

91.2381, 0.2969,
0.3223

42.3920, 0.4358,
0.3918

95.3939, 0.2970,
0.3290

■ 37.8231, 0.4660,
0.4000

■ 33.8109, 0.4963,
0.4045

■ 30.3286, 0.5247,
0.4041

■ 27.3460, 0.5489,
0.3981

■ 25.9823, 0.5600,
0.3936

Harmonies

Analogous

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



66.6913, 0.3379, 0.3356



66.6913, 0.3379, 0.3456



66.6913, 0.3311, 0.3515

Triad

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



66.6913, 0.3379, 0.3456



66.6913, 0.2947, 0.3337



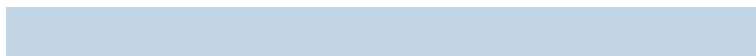
66.6913, 0.3057, 0.3079

Complementary

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



66.6913, 0.3379, 0.3456



65.3438, 0.2896, 0.3118

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.



66.6913, 0.2944, 0.3070



66.6913, 0.3379, 0.3456



66.6913, 0.2882, 0.3216

Square

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



66.6913, 0.3379, 0.3456



66.6913, 0.3061, 0.3447



66.6913, 0.2881, 0.3119



66.6913, 0.3191, 0.3141

Rectangle

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



66.6913, 0.3379, 0.3456



66.6913, 0.3236, 0.3520



66.6913, 0.2881, 0.3119



66.6913, 0.3016, 0.3069

Sweetspot

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



66.6943, 0.3379, 0.3456



95.7798, 0.3190, 0.3334



60.5608, 0.3254, 0.3079



20.3343, 0.3202, 0.3342



0.0000, 0.0000, 0.0000



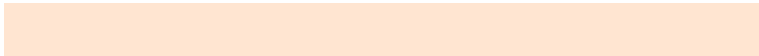
21.4041, 0.3127, 0.3290

Same Dimension

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



66.6943, 0.3379, 0.3456



82.1109, 0.3442, 0.3495



75.3752, 0.3353, 0.3633



15.4101, 0.3281, 0.3394



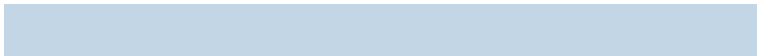
15.0903, 0.5574, 0.3956



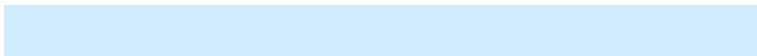
1.2977, 0.5323, 0.4156

Inverse Universe

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



65.3438, 0.2896, 0.3118



80.0532, 0.2844, 0.3076



57.3211, 0.2889, 0.2922



15.2155, 0.2981, 0.3184



12.2876, 0.1828, 0.1781



1.0925, 0.1895, 0.2021

Previews

White Background



This preview shows how the Yxy color 66.6913, 0.3379, 0.3456 looks on a white background.

Color Contrast Check

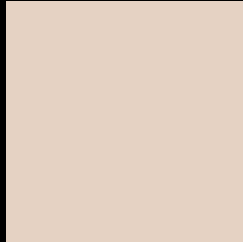
Large Text (above 18pt) WCAG AA × Fail

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 66.6913, 0.3379, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

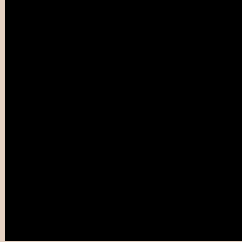
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6913, 0.3379, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 66.6913, 0.3379, 0.3456.



This preview shows how white text looks on a background with the Yxy color 66.6913, 0.3379, 0.3456.

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

66.6913, 0.3379, 0.3456

Protanopia

66.9462, 0.3306, 0.3481

Deuteranopia

66.6534, 0.3466, 0.3398



Tritanopia

66.7402, 0.3218, 0.3119

Trichromacy



Original Color

66.6913, 0.3379, 0.3456

Protanomaly

66.9198, 0.3330, 0.3469

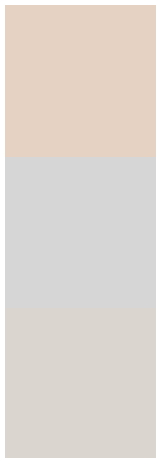
Deuteranomaly

66.4440, 0.3432, 0.3410

Tritanomaly

66.5349, 0.3282, 0.3236

Monochromacy



Original Color

66.6913, 0.3379, 0.3456

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.1536, 0.3213, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6913, 0.3379, 0.3456 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(229, 210, 195)` looks like.

```
.text, #text, p{  
    color:rgb(229, 210, 195)  
}
```

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(229, 210, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 210, 195) }
```

Border

The CSS property to change the border of an element to Yxy 66.6913, 0.3379, 0.3456 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(229, 210, 195) }
```

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

```
.border{ border-color:rgb(229, 210, 195) }
```

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

Here you see how a box with a 4 pixel rgb(229, 210, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 210, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 210, 195);  
box-shadow:4px 4px 4px 4px rgb(229, 210,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6913, 0.3379, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 210, 195) }
```

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

```
.background{ background-color: rgb(229,  
210, 195) }
```

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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