

Converting Colors

Yxy(56.9489, 0.3335, 0.3506)

Have a look what the booklet for
Yxy(56.9489, 0.3335, 0.3506)
contains.

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Color

Yxy(56.9489, 0.3335, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	CFC6B4
RGB	207, 198, 180
RGB Percent	81%, 78%, 71%
CMY	0.1881, 0.2236, 0.2941
CMYK	0.00, 0.04, 0.13, 0.19
HSL	40°, 22%, 76%
HSV	40°, 13%, 81%
XYZ	54.1713, 56.9489, 51.3125
YIQ	198.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

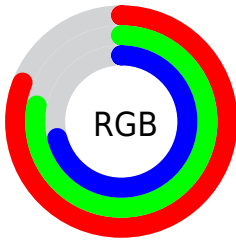
Format	Color
RYB	194, 207, 180
Decimal	13616820
CIELab	80.15, 0.11, 10.14
CIElCh	80, 10.139, 89.379
Yxy	56.9489, 0.3335, 0.3506
Android (android.graphics.Color)	4291806900 (0xFFCFC6B4)
YUV	198.6390, -9.1890, 7.3326
Hunter-Lab	75.4645, -3.9287, 12.5106

Details

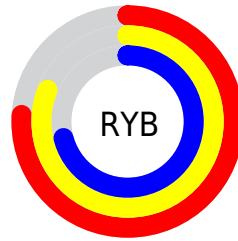
The Yxy color $56.9489, 0.3335, 0.3506$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.6197, 0.2923, 0.3064$, and the grayscale version is $56.9371, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.8361, 0.3238, 0.3473$, and $28.2511, 0.3397, 0.3562$ is the 20% darker color. If you saturate the color by 10%, you get $53.0770, 0.3513, 0.3679$, and if you desaturate by 10%, it is $61.0965, 0.3173, 0.3339$.

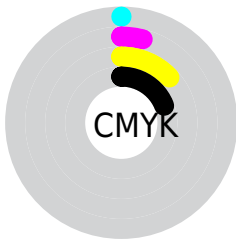
Distribution



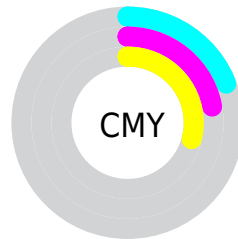
- Red (81%)
- Green (78%)
- Blue (71%)



- Red (76%)
- Yellow (81%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (19%)





- Cyan (19%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9489, 0.3335, 0.3506 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 56.9489, 0.3335, 0.3506 by changing the saturation by 10% instead.


 56.9489, 0.3335,
0.3506

 56.9489, 0.3335,
0.3506


413.2578, 0.3235,
0.3402

 40.9642, 0.3359,
0.3531


 100.3906, 0.3299,
0.3469

 28.2911, 0.3389,
0.3563


128.6164, 0.3286,
0.3455

 18.5452, 0.3429,
0.3604


161.6914, 0.3274,
0.3443

 11.3421, 0.3482,
0.3659

200.0000, 0.3264,
0.3432

 6.2975, 0.3558,
0.3738

243.9265, 0.3255,
0.3423

 3.0268, 0.3675,
0.3858

293.8554, 0.3247,

 1.1457, 0.3968,

0.3415

0.4162

350.1710, 0.3241,
0.3408

0.0167, 0.5263,
0.4737

0.0000, 0.0000,
0.0000

56.9489, 0.3335,
0.3506

56.9489, 0.3335,
0.3506

53.0770, 0.3513,
0.3679

61.0965, 0.3173,
0.3339

49.4658, 0.3705,
0.3855

65.5195, 0.3028,
0.3182

46.1099, 0.3909,
0.4026

70.2269, 0.2898,
0.3035

43.0007, 0.4120,
0.4184

74.7123, 0.2826,
0.2978

■ 40.1292, 0.4330,
0.4319

■ 78.5467, 0.2830,
0.3053

■ 37.4853, 0.4529,
0.4419

■ 82.5347, 0.2834,
0.3127

■ 35.0575, 0.4707,
0.4474

■ 86.6781, 0.2839,
0.3200

■ 32.8326, 0.4854,
0.4479

■ 90.9786, 0.2843,
0.3272

■ 31.3935, 0.4942,
0.4458

■ 92.0108, 0.2844,
0.3289

Harmonies

Analogous

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



56.9489, 0.3387, 0.3434



56.9489, 0.3335, 0.3506



56.9489, 0.3227, 0.3520

Triad

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



56.9489, 0.3335, 0.3506



56.9489, 0.2892, 0.3246



56.9489, 0.3156, 0.3120

Complementary

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



56.9489, 0.3335, 0.3506



50.6197, 0.2923, 0.3064

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.



56.9489, 0.3024, 0.3070



56.9489, 0.3335, 0.3506



56.9489, 0.2874, 0.3139

Square

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



56.9489, 0.3335, 0.3506



56.9489, 0.2972, 0.3368



56.9489, 0.2921, 0.3076



56.9489, 0.3283, 0.3212

Rectangle

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



56.9489, 0.3335, 0.3506



56.9489, 0.3139, 0.3494



56.9489, 0.2921, 0.3076



56.9489, 0.3111, 0.3097

Sweetspot

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



56.9514, 0.3335, 0.3506



97.2036, 0.3189, 0.3355



49.6045, 0.3285, 0.3176



20.6947, 0.3200, 0.3368



0.0000, 0.0000, 0.0000



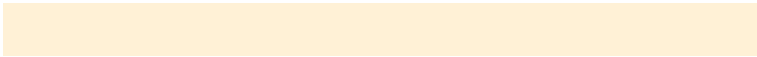
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9514, 0.3335, 0.3506



89.2479, 0.3389, 0.3560



60.6325, 0.3289, 0.3614



13.1038, 0.3274, 0.3444



19.9519, 0.4929, 0.4468



1.2584, 0.4761, 0.4602

Inverse Universe

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



50.6197, 0.2923, 0.3064



76.9462, 0.2872, 0.3005



47.3429, 0.2953, 0.2951



12.0544, 0.2982, 0.3131



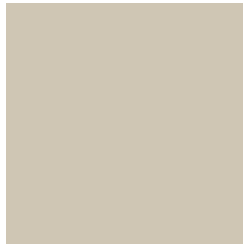
5.6933, 0.1637, 0.1094



0.4632, 0.1742, 0.1470

Previews

White Background



This preview shows how the Yxy color 56.9489, 0.3335, 0.3506 looks on a white background.

Color Contrast Check

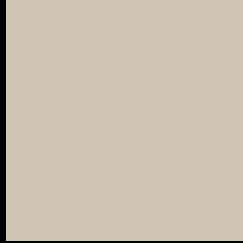
Large Text (above 18pt) WCAG AA × Fail

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 56.9489, 0.3335, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

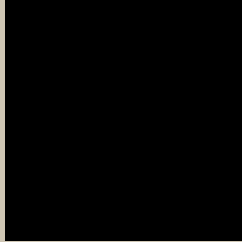
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9489, 0.3335, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 56.9489, 0.3335, 0.3506.

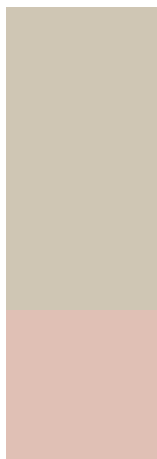


This preview shows how white text looks on a background with the Yxy color 56.9489, 0.3335, 0.3506.

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

56.9489, 0.3335, 0.3506

Protanopia

56.9489, 0.3335, 0.3506

Deuteranopia

56.8828, 0.3480, 0.3417



Tritanopia

57.0359, 0.3151, 0.3117

Trichromacy



Original Color

56.9489, 0.3335, 0.3506

Protanomaly

56.9489, 0.3335, 0.3506

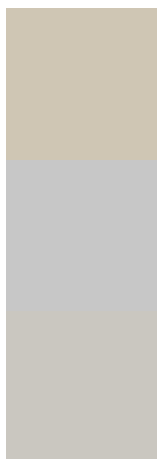
Deuteranomaly

56.8252, 0.3425, 0.3442

Tritanomaly

56.8091, 0.3225, 0.3255

Monochromacy



Original Color

56.9489, 0.3335, 0.3506

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2092, 0.3202, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9489, 0.3335, 0.3506 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, 198, 180)` looks like.

```
.text, #text, p{  
    color:rgb(207, 198, 180)  
}
```

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, 198, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 198, 180) }
```

Border

The CSS property to change the border of an element to Yxy 56.9489, 0.3335, 0.3506 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, 198, 180) }
```

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

```
.border{ border-color:rgb(207, 198, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 198, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 198, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 198, 180);  
box-shadow:4px 4px 4px 4px rgb(207, 198,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9489, 0.3335, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 198, 180) }
```

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

```
.background{ background-color: rgb(207,  
198, 180) }
```

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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