

Converting Colors

$Yxy(56.5071, 0.3700, 0.3720)$

Have a look what the booklet for
Yxy(56.5071, 0.3700, 0.3720)
contains.

Yxy(56.7090, 0.3699, 0.3717)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.7090, 0.3699, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	E2C19C
RGB	226, 193, 156
RGB Percent	89%, 76%, 61%
CMY	0.1137, 0.2431, 0.3882
CMYK	0.00, 0.15, 0.31, 0.11
HSL	32°, 55%, 75%
HSV	32°, 31%, 89%
XYZ	56.4344, 56.7090, 39.4232
YIQ	198.6490, 31.5450, -4.5110

Conversions

Conversions Part 2

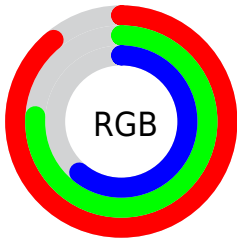
Format	Color
R _Y B	218, 226, 156
Decimal	14860700
CIE Lab	80.02, 6.39, 23.00
CIE LCh	80, 23.867, 74.478
Yxy	56.7090, 0.3699, 0.3717
Android (android.graphics.Color)	4293050780 (0xFFE2C19C)
YUV	198.6490, -21.0260, 23.9868
Hunter-Lab	75.3054, 1.9847, 21.6748

Details

The Yxy color **56.7090, 0.3699, 0.3717** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.9509, 0.2629, 0.2820**, and the grayscale version is **57.0054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7145, 0.3397, 0.3665**, and **28.3221, 0.3844, 0.3819** is the 20% darker color. If you saturate the color by 10%, you get **51.4743, 0.3930, 0.3858**, and if you desaturate by 10%, it is **62.4306, 0.3491, 0.3574**.

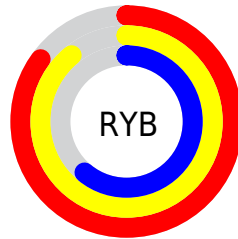
Distribution



Red (89%)

Green (76%)

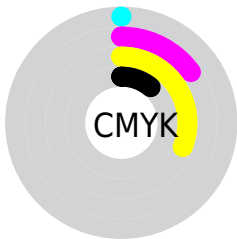
Blue (61%)



Red (85%)

Yellow (89%)

Blue (61%)

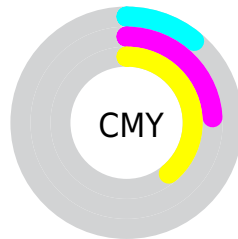


Cyan (0%)

Magenta (15%)

Yellow (31%)

Black (11%)



Cyan (11%)


Magenta (24%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7090, 0.3699, 0.3717 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 56.7090, 0.3699, 0.3717 by changing the saturation by 10% instead.


 56.7090, 0.3699,
0.3717


 56.7090, 0.3699,
0.3717

412.3580, 0.3422,
0.3516

 40.7717, 0.3765,
0.3763


 100.0405, 0.3601,
0.3647

 28.1407, 0.3848,
0.3820


 128.2034, 0.3563,
0.3620

 18.4317, 0.3954,
0.3892


161.2102, 0.3531,
0.3596

 11.2604, 0.4096,
0.3985


199.4455, 0.3503,
0.3576

 6.2423, 0.4292,
0.4106

243.2935, 0.3479,
0.3558

 2.9930, 0.4581,
0.4271

293.1386, 0.3458,

 1.1281, 0.5288,

0.3542

0.4712

349.3653, 0.3439,
0.3528

0.0017, 0.9891,
0.0109

0.0000, 0.0000,
0.0000

56.7090, 0.3699,
0.3717

56.7090, 0.3699,
0.3717

51.4743, 0.3930,
0.3858

62.4306, 0.3491,
0.3574

46.7037, 0.4180,
0.3990

68.6454, 0.3305,
0.3435

42.3838, 0.4442,
0.4103

75.3697, 0.3142,
0.3302

38.4972, 0.4705,
0.4183

82.6161, 0.2999,
0.3179

■ 35.0251, 0.4954,
0.4218

■ 89.4624, 0.2951,
0.3201

■ 31.9459, 0.5173,
0.4199

■ 94.9086, 0.2952,
0.3289

■ 29.4765, 0.5341,
0.4141

Harmonies

Analogous

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



56.7090, 0.3746, 0.3492



56.7090, 0.3699, 0.3717



56.7090, 0.3495, 0.3841

Triad

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



56.7090, 0.3699, 0.3717



56.7090, 0.2657, 0.3321



56.7090, 0.3031, 0.2832

Complementary

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



56.7090, 0.3699, 0.3717



48.9509, 0.2629, 0.2820

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.



56.7090, 0.2753, 0.2775



56.7090, 0.3699, 0.3717



56.7090, 0.2546, 0.3038

Square

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



56.7090, 0.3699, 0.3717



56.7090, 0.2892, 0.3612



56.7090, 0.2580, 0.2844



56.7090, 0.3349, 0.2996

Rectangle

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



56.7090, 0.3699, 0.3717



56.7090, 0.3302, 0.3838



56.7090, 0.2580, 0.2844



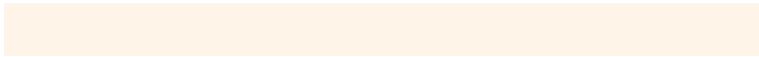
56.7090, 0.2930, 0.2800

Sweetspot

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



56.7116, 0.3699, 0.3717



91.9006, 0.3272, 0.3409



43.6559, 0.3491, 0.2901



19.4014, 0.3297, 0.3429



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.



56.7116, 0.3699, 0.3717



70.1762, 0.3841, 0.3806



72.7732, 0.3585, 0.4064



14.8941, 0.3279, 0.3414



17.0564, 0.5318, 0.4159



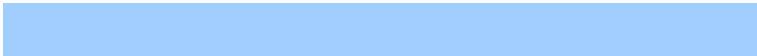
1.3612, 0.5098, 0.4334

Inverse Universe

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



48.9509, 0.2629, 0.2820



58.4809, 0.2524, 0.2707



36.4527, 0.2587, 0.2384



14.3033, 0.2981, 0.3163



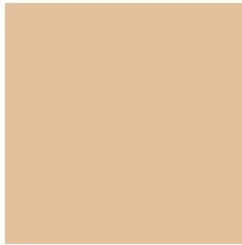
9.3085, 0.1747, 0.1489



0.8234, 0.1828, 0.1779

Previews

White Background



This preview shows how the Yxy color 56.7090, 0.3699, 0.3717 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 56.7090, 0.3699, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

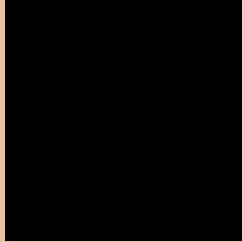
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

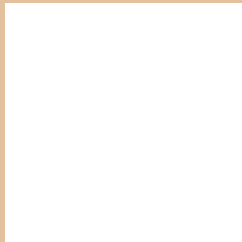
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7090, 0.3699, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 56.7090, 0.3699, 0.3717.



This preview shows how white text looks on a background with the Yxy color 56.7090, 0.3699, 0.3717.

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

56.7090, 0.3699, 0.3717

Protanopia

56.7057, 0.3539, 0.3770

Deuteranopia

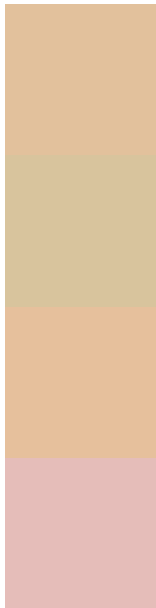
56.8177, 0.3758, 0.3687



Tritanopia

56.7466, 0.3385, 0.3135

Trichromacy



Original Color

56.7090, 0.3699, 0.3717

Protanomaly

56.5131, 0.3595, 0.3752

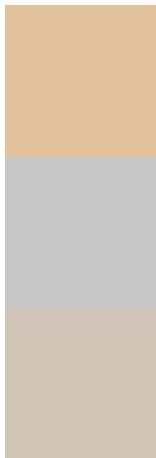
Deuteranomaly

56.9226, 0.3737, 0.3701

Tritanomaly

56.5560, 0.3496, 0.3336

Monochromacy



Original Color

56.7090, 0.3699, 0.3717

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9067, 0.3330, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7090, 0.3699, 0.3717 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(226, 193, 156)` looks like.

```
.text, #text, p{  
    color:rgb(226, 193, 156)  
}
```

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(226, 193, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 193, 156) }
```

Border

The CSS property to change the border of an element to Yxy 56.7090, 0.3699, 0.3717 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(226, 193, 156) }
```

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

```
.border{ border-color:rgb(226, 193, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 193, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 193, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 193, 156);  
box-shadow:4px 4px 4px 4px rgb(226, 193,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7090, 0.3699, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 193, 156) }
```

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

```
.background{ background-color: rgb(226,  
193, 156) }
```

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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