

Converting Colors

$Yxy(69.5656, 0.3552, 0.3658)$

Have a look what the booklet for
Yxy(69.5656, 0.3552, 0.3658)
contains.

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Color

Yxy(69.5656, 0.3552, 0.3658)

Conversions

Conversions Part 1

Format	Color
Hex	EED6B4
RGB	238, 214, 180
RGB Percent	93%, 84%, 71%
CMY	0.0666, 0.1608, 0.2940
CMYK	0.00, 0.10, 0.24, 0.07
HSL	35°, 63%, 82%
HSV	35°, 24%, 93%
XYZ	67.5498, 69.5656, 53.0585
YIQ	217.3000, 25.2180, -5.4860

Conversions

Conversions Part 2

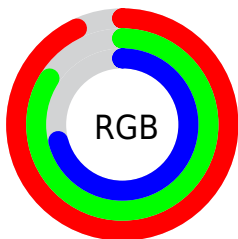
Format	Color
R _Y B	221, 238, 180
Decimal	15652532
CIE Lab	86.78, 3.17, 19.83
CIE LCh	87, 20.080, 80.915
Yxy	69.5656, 0.3552, 0.3658
Android (android.graphics.Color)	4293842612 (0xFFEED6B4)
YUV	217.3000, -18.3889, 18.1539
Hunter-Lab	83.4060, -1.3950, 20.6670

Details

The Yxy color **69.5656, 0.3552, 0.3658** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.0832, 0.2734, 0.2892**, and the grayscale version is **69.7239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **36.1523, 0.3651, 0.3741** is the 20% darker color. If you saturate the color by 10%, you get **63.8414, 0.3760, 0.3816**, and if you desaturate by 10%, it is **75.7646, 0.3363, 0.3502**.

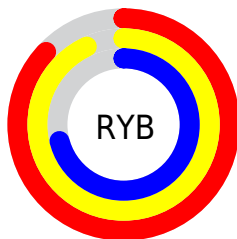
Distribution



Red (93%)

Green (84%)

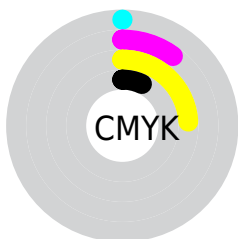
Blue (71%)



Red (87%)

Yellow (93%)

Blue (71%)

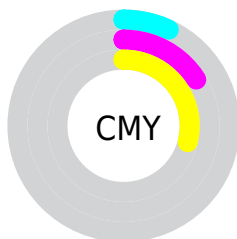


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5656, 0.3552, 0.3658 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 69.5656, 0.3552, 0.3658 by changing the saturation by 10% instead.

 69.5656, 0.3552,
0.3658

 69.5656, 0.3552,
0.3658


459.0233, 0.3354,
0.3488

 51.1725, 0.3598,
0.3696


 118.5891, 0.3483,
0.3599

 36.3459, 0.3654,
0.3744


149.9882, 0.3456,
0.3576

 24.7014, 0.3725,
0.3803


186.4914, 0.3433,
0.3557

 15.8548, 0.3818,
0.3879

228.4832, 0.3413,
0.3539

 9.4214, 0.3945,
0.3981

276.3479, 0.3395,
0.3524

 5.0171, 0.4123,
0.4122

330.4698, 0.3380,

 2.2573, 0.4421,

0.3511

391.2335, 0.3366,
0.3499

0.4352

0.7510, 0.5130,
0.4870

0.0000, 0.0000,
0.0000

69.5656, 0.3552,
0.3658

69.5656, 0.3552,
0.3658

63.8414, 0.3760,
0.3816

75.7646, 0.3363,
0.3502

58.5686, 0.3986,
0.3969

82.4420, 0.3195,
0.3353

53.7359, 0.4223,
0.4109

89.6134, 0.3045,
0.3212

49.3273, 0.4464,
0.4223

95.9184, 0.3024,
0.3274

■ 45.3256, 0.4698,
0.4301

■ 96.9195, 0.3023,
0.3290

■ 41.7115, 0.4910,
0.4330

■ 38.4625, 0.5088,
0.4305

■ 36.7760, 0.5176,
0.4272

Harmonies

Analogous

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



69.5656, 0.3616, 0.3496



69.5656, 0.3552, 0.3658



69.5656, 0.3373, 0.3727

Triad

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



69.5656, 0.3552, 0.3658



69.5656, 0.2727, 0.3267



69.5656, 0.3107, 0.2947

Complementary

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



69.5656, 0.3552, 0.3658



59.0832, 0.2734, 0.2892

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.



69.5656, 0.2874, 0.2882



69.5656, 0.3552, 0.3658



69.5656, 0.2662, 0.3055

Square

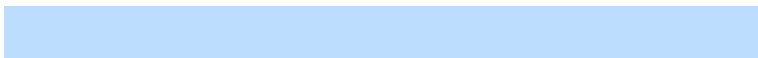
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5656, 0.3552, 0.3658



69.5656, 0.2897, 0.3497



69.5656, 0.2714, 0.2918



69.5656, 0.3353, 0.3094

Rectangle

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



69.5656, 0.3552, 0.3658



69.5656, 0.3215, 0.3703



69.5656, 0.2714, 0.2918



69.5656, 0.3025, 0.2915

Sweetspot

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



69.5688, 0.3552, 0.3658



94.2774, 0.3238, 0.3392



55.1998, 0.3429, 0.3028



20.0765, 0.3248, 0.3401



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.



69.5688, 0.3552, 0.3658



78.1126, 0.3648, 0.3733



81.8075, 0.3461, 0.3906



17.2979, 0.3279, 0.3428



20.7759, 0.5157, 0.4287



1.9241, 0.4995, 0.4416

Inverse Universe

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



59.0832, 0.2734, 0.2892



63.9733, 0.2653, 0.2802



49.1219, 0.2744, 0.2606



16.3040, 0.2980, 0.3148



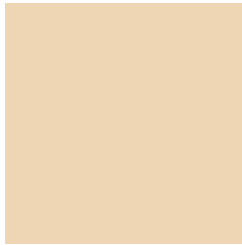
8.6168, 0.1696, 0.1305



0.9085, 0.1768, 0.1563

Previews

White Background



This preview shows how the Yxy color 69.5656, 0.3552, 0.3658 looks on a white background.

Color Contrast Check

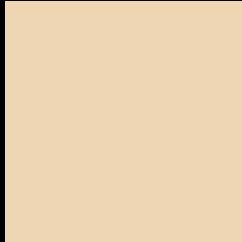
Large Text (above 18pt) WCAG AA × Fail

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 69.5656, 0.3552, 0.3658 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 69.5656, 0.3552, 0.3658

Background



This preview shows how black text looks on a background with the Yxy color 69.5656, 0.3552, 0.3658.



This preview shows how white text looks on a background with the Yxy color 69.5656, 0.3552, 0.3658.

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

69.5656, 0.3552, 0.3658

Protanopia

69.6199, 0.3468, 0.3688

Deuteranopia

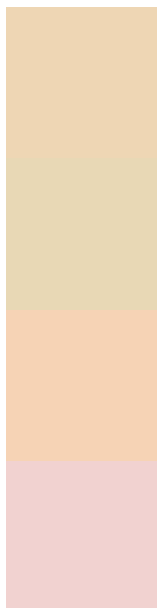
69.4464, 0.3661, 0.3584



Tritanopia

69.5483, 0.3278, 0.3124

Trichromacy



Original Color

69.5656, 0.3552, 0.3658

Protanomaly

69.6037, 0.3493, 0.3674

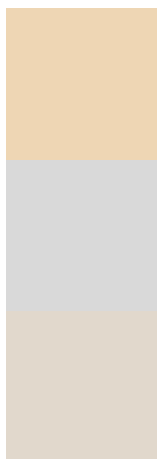
Deuteranomaly

69.5176, 0.3615, 0.3609

Tritanomaly

69.3480, 0.3377, 0.3312

Monochromacy



Original Color

69.5656, 0.3552, 0.3658

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4789, 0.3276, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5656, 0.3552, 0.3658 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(238, 214, 180)` looks like.

```
.text, #text, p{  
    color:rgb(238, 214, 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(238, 214, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 214, 180) }
```

Border

The CSS property to change the border of an element to Yxy 69.5656, 0.3552, 0.3658 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(238, 214, 180) }
```

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

```
.border{ border-color:rgb(238, 214, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 214, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 214, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 214, 180); box-shadow:4px 4px 4px 4px rgb(238, 214, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5656, 0.3552, 0.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 214, 180) }
```

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

```
.background{ background-color: rgb(238,  
214, 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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