

Converting Colors

Yxy(66.9410, 0.3531, 0.3554)

Have a look what the booklet for
Yxy(66.9410, 0.3531, 0.3554)
contains.

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Color

Yxy(66.7496, 0.3537, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	EED0B8
RGB	238, 208, 184
RGB Percent	93%, 82%, 72%
CMY	0.0666, 0.1843, 0.2786
CMYK	0.00, 0.13, 0.23, 0.07
HSL	27°, 61%, 83%
HSV	27°, 23%, 93%
XYZ	66.4677, 66.7496, 54.7039
YIQ	214.2340, 25.5840, -1.1040

Conversions

Conversions Part 2

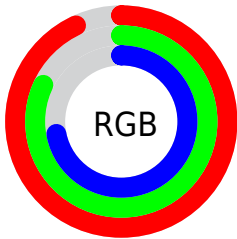
Format	Color
R _Y B	238, 227, 184
Decimal	15651000
CIE Lab	85.38, 6.84, 15.79
CIE LCh	85, 17.210, 66.597
Yxy	66.7496, 0.3537, 0.3552
Android (android.graphics.Color)	4293841080 (0xFFEED0B8)
YUV	214.2340, -14.9054, 20.8428
Hunter-Lab	81.7004, 2.2437, 17.4917

Details

The Yxy color **66.7496, 0.3537, 0.3552** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.4368, 0.2769, 0.3013**, and the grayscale version is **67.5013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **34.6950, 0.3641, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **59.6597, 0.3762, 0.3674**, and if you desaturate by 10%, it is **74.5504, 0.3340, 0.3433**.

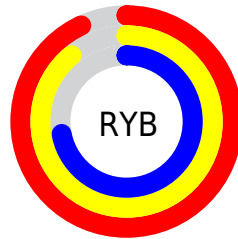
Distribution



Red (93%)

Green (82%)

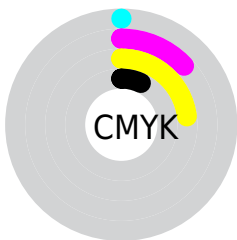
Blue (72%)



Red (93%)

Yellow (89%)

Blue (72%)

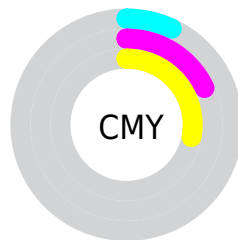


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (7%)



Cyan (7%)

Magenta (18%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7496, 0.3537, 0.3552 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 66.7496, 0.3537, 0.3552 by changing the saturation by 10% instead.


 66.7496, 0.3537,
0.3552

 66.7496, 0.3537,
0.3552

449.0529, 0.3343,
0.3432

 48.8812, 0.3582,
0.3579


 114.5615, 0.3469,
0.3510

 34.5252, 0.3638,
0.3613


145.2738, 0.3443,
0.3494

 23.2974, 0.3710,
0.3654


181.0362, 0.3420,
0.3480

 14.8132, 0.3805,
0.3708


222.2330, 0.3401,
0.3468

 8.6884, 0.3936,
0.3780

269.2487, 0.3384,
0.3457

 4.5385, 0.4127,
0.3879

322.4677, 0.3369,

 1.9791, 0.4442,

0.3448

0.4031

382.2743, 0.3355,
0.3439

0.5953, 0.5517,
0.4483

0.0000, 0.0000,
0.0000

66.7496, 0.3537,
0.3552

66.7496, 0.3537,
0.3552

59.6597, 0.3762,
0.3674

74.5504, 0.3340,
0.3433

53.2501, 0.4017,
0.3794

83.0733, 0.3169,
0.3319

47.5012, 0.4297,
0.3903

92.3175, 0.3024,
0.3217

42.3890, 0.4596,
0.3991

96.9199, 0.3023,
0.3290

■ 37.8873, 0.4899,
0.4045

■ 33.9679, 0.5187,
0.4052

■ 30.5986, 0.5438,
0.4004

■ 28.4624, 0.5594,
0.3940

Harmonies

Analogous

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



66.7496, 0.3535, 0.3388



66.7496, 0.3537, 0.3552



66.7496, 0.3426, 0.3653

Triad

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



66.7496, 0.3537, 0.3552



66.7496, 0.2840, 0.3368



66.7496, 0.3009, 0.2952

Complementary

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



66.7496, 0.3537, 0.3552



64.4368, 0.2769, 0.3013

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.



66.7496, 0.2830, 0.2938



66.7496, 0.3537, 0.3552



66.7496, 0.2736, 0.3169

Square

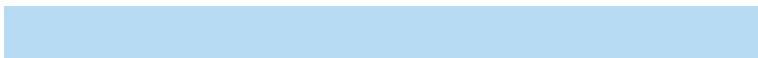
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7496, 0.3537, 0.3552



66.7496, 0.3021, 0.3550



66.7496, 0.2732, 0.3014



66.7496, 0.3225, 0.3050

Rectangle

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



66.7496, 0.3537, 0.3552



66.7496, 0.3304, 0.3667



66.7496, 0.2732, 0.3014



66.7496, 0.2942, 0.2938

Sweetspot

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



66.7526, 0.3537, 0.3552



92.7426, 0.3240, 0.3368



57.3285, 0.3337, 0.2961



19.7211, 0.3250, 0.3374



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.



66.7526, 0.3537, 0.3552



74.3220, 0.3632, 0.3606



80.7195, 0.3478, 0.3822



16.9163, 0.3282, 0.3395



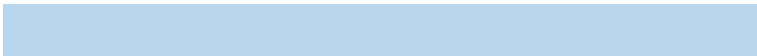
16.1259, 0.5567, 0.3961



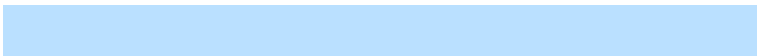
1.5370, 0.5342, 0.4140

Inverse Universe

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



64.4368, 0.2769, 0.3013



71.1904, 0.2699, 0.2951



52.1384, 0.2745, 0.2696



16.6841, 0.2980, 0.3182



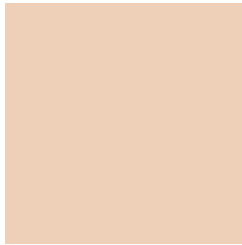
12.9330, 0.1824, 0.1767



1.2741, 0.1885, 0.1984

Previews

White Background



This preview shows how the Yxy color 66.7496, 0.3537, 0.3552 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 66.7496, 0.3537, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

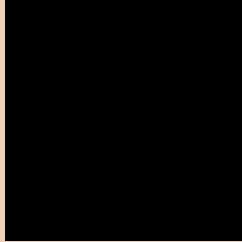
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7496, 0.3537, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 66.7496, 0.3537, 0.3552.



This preview shows how white text looks on a background with the Yxy color 66.7496, 0.3537, 0.3552.

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

66.7496, 0.3537, 0.3552

Protanopia

66.9810, 0.3401, 0.3593

Deuteranopia

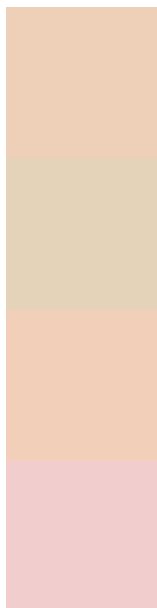
66.8364, 0.3589, 0.3526



Tritanopia

66.7036, 0.3312, 0.3122

Trichromacy



Original Color

66.7496, 0.3537, 0.3552

Protanomaly

66.7493, 0.3451, 0.3579

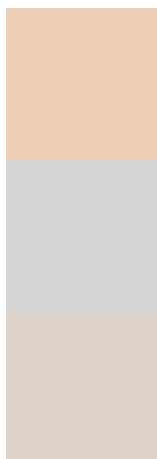
Deuteranomaly

66.9636, 0.3571, 0.3538

Tritanomaly

66.8196, 0.3399, 0.3280

Monochromacy



Original Color

66.7496, 0.3537, 0.3552

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.0867, 0.3272, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7496, 0.3537, 0.3552 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, 208, 184)` looks like.

```
.text, #text, p{  
    color:rgb(238, 208, 184)  
}
```

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, 208, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 208, 184) }
```

Border

The CSS property to change the border of an element to Yxy 66.7496, 0.3537, 0.3552 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, 208, 184) }
```

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

```
.border{ border-color:rgb(238, 208, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 208, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 208, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 208, 184);  
box-shadow:4px 4px 4px 4px rgb(238, 208,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7496, 0.3537, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 208, 184) }
```

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

```
.background{ background-color: rgb(238,  
208, 184) }
```

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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