

Converting Colors

$Yxy(63.3693, 0.3561, 0.3488)$

Have a look what the booklet for
Yxy(63.3693, 0.3561, 0.3488)
contains.

Yxy(63.3693, 0.3561, 0.3488)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.3693, 0.3561, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	EEC9B7
RGB	238, 201, 183
RGB Percent	93%, 79%, 72%
CMY	0.0666, 0.2118, 0.2824
CMYK	0.00, 0.16, 0.23, 0.07
HSL	20°, 62%, 83%
HSV	20°, 23%, 93%
XYZ	64.6955, 63.3693, 53.6132
YIQ	210.0110, 27.8300, 2.2460

Conversions

Conversions Part 2

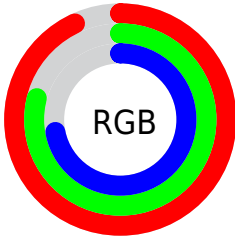
Format	Color
R _Y B	238, 210, 183
Decimal	15649207
CIE Lab	83.64, 10.36, 13.86
CIE LCh	84, 17.301, 53.214
Yxy	63.3693, 0.3561, 0.3488
Android (android.graphics.Color)	4293839287 (0xFFEEEC9B7)
YUV	210.0110, -13.3164, 24.5464
Hunter-Lab	79.6048, 5.7601, 15.7921

Details

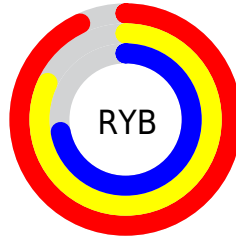
The Yxy color **63.3693, 0.3561, 0.3488** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.4240, 0.2769, 0.3083**, and the grayscale version is **64.5335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **32.3029, 0.3667, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **55.3845, 0.3805, 0.3579**, and if you desaturate by 10%, it is **72.3054, 0.3353, 0.3399**.

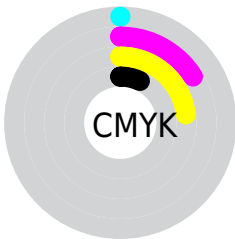
Distribution



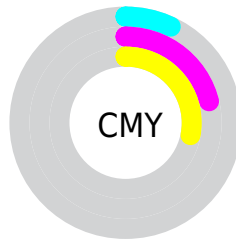
- Red (93%)
- Green (79%)
- Blue (72%)



- Red (93%)
- Yellow (82%)
- Blue (72%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (7%)





- Cyan (7%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3693, 0.3561, 0.3488 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 63.3693, 0.3561, 0.3488 by changing the saturation by 10% instead.


 63.3693, 0.3561,
0.3488

 63.3693, 0.3561,
0.3488


436.9085, 0.3354,
0.3398

 46.1400, 0.3610,
0.3508


 109.7021, 0.3488,
0.3457

 32.3563, 0.3671,
0.3533


139.5745, 0.3460,
0.3445

 21.6338, 0.3750,
0.3564


174.4300, 0.3436,
0.3434

 13.5881, 0.3856,
0.3603

214.6530, 0.3415,
0.3425

 7.8347, 0.4003,
0.3655

260.6280, 0.3397,
0.3417

 3.9894, 0.4222,
0.3723

312.7393, 0.3381,

 1.6676, 0.4609,

0.3410

0.3838

371.3713, 0.3366,
0.3403

0.4026, 0.6122,
0.3878

0.0000, 0.0000,
0.0000

63.3693, 0.3561,
0.3488

63.3693, 0.3561,
0.3488

55.3845, 0.3805,
0.3579

72.3054, 0.3353,
0.3399

48.3100, 0.4089,
0.3668

82.2146, 0.3176,
0.3315

42.1149, 0.4409,
0.3747

93.1288, 0.3027,
0.3237

36.7627, 0.4759,
0.3806

96.9193, 0.3023,
0.3290

■ 32.2144, 0.5120,
0.3833

■ 28.4271, 0.5463,
0.3816

■ 25.3532, 0.5756,
0.3749

■ 23.6179, 0.5920,
0.3681

Harmonies

Analogous

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



63.3693, 0.3505, 0.3307



63.3693, 0.3561, 0.3488



63.3693, 0.3496, 0.3626

Triad

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



63.3693, 0.3561, 0.3488



63.3693, 0.2908, 0.3459



63.3693, 0.2917, 0.2927

Complementary

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



63.3693, 0.3561, 0.3488



67.4240, 0.2769, 0.3083

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.



63.3693, 0.2767, 0.2953



63.3693, 0.3561, 0.3488



63.3693, 0.2762, 0.3255

Square

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



63.3693, 0.3561, 0.3488



63.3693, 0.3116, 0.3617



63.3693, 0.2712, 0.3070



63.3693, 0.3127, 0.2991

Rectangle

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



63.3693, 0.3561, 0.3488



63.3693, 0.3394, 0.3672



63.3693, 0.2712, 0.3070



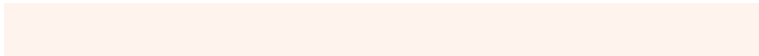
63.3693, 0.2858, 0.2925

Sweetspot

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



63.3722, 0.3561, 0.3488



91.4810, 0.3242, 0.3347



57.2392, 0.3290, 0.2889



19.4292, 0.3252, 0.3352



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

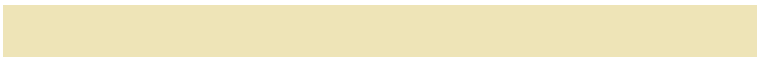
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.3722, 0.3561, 0.3488



69.3185, 0.3678, 0.3533



77.0430, 0.3498, 0.3768



16.6040, 0.3285, 0.3368



13.3845, 0.5892, 0.3704



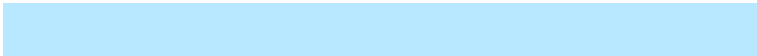
1.2883, 0.5637, 0.3906

Inverse Universe

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



67.4240, 0.2769, 0.3083



74.8621, 0.2692, 0.3032



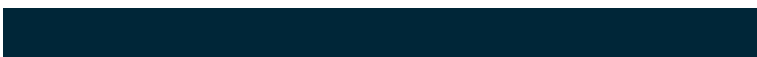
54.4123, 0.2743, 0.2762



17.0058, 0.2981, 0.3211



17.7311, 0.1940, 0.2184



1.6557, 0.1985, 0.2346

Previews

White Background



This preview shows how the Yxy color 63.3693, 0.3561, 0.3488 looks on a white background.

Color Contrast Check

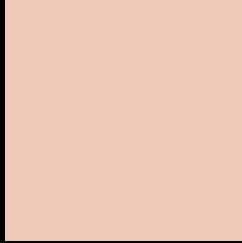
Large Text (above 18pt) WCAG AA × Fail

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 63.3693, 0.3561, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

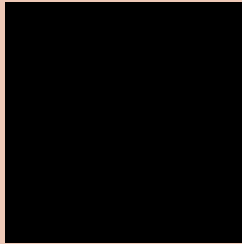
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3693, 0.3561, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 63.3693, 0.3561, 0.3488.



This preview shows how white text looks on a background with the Yxy color 63.3693, 0.3561, 0.3488.

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

63.3693, 0.3561, 0.3488

Protanopia

63.6050, 0.3355, 0.3531

Deuteranopia

63.3693, 0.3561, 0.3488



Tritanopia

63.3867, 0.3365, 0.3131

Trichromacy



Original Color

63.3693, 0.3561, 0.3488

Protanomaly

63.2154, 0.3423, 0.3505

Deuteranomaly

63.3693, 0.3561, 0.3488

Tritanomaly

63.1305, 0.3441, 0.3259

Monochromacy



Original Color

63.3693, 0.3561, 0.3488

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.0114, 0.3277, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3693, 0.3561, 0.3488 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, 201, 183)` looks like.

```
.text, #text, p{  
    color:rgb(238, 201, 183)  
}
```

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, 201, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 201, 183) }
```

Border

The CSS property to change the border of an element to Yxy 63.3693, 0.3561, 0.3488 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, 201, 183) }
```

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

```
.border{ border-color:rgb(238, 201, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 201, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 201, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 201, 183);  
box-shadow:4px 4px 4px 4px rgb(238, 201,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3693, 0.3561, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 201, 183) }
```

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

```
.background{ background-color: rgb(238,  
201, 183) }
```

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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