

Converting Colors

$Yxy(57.1077, 0.3702, 0.3493)$

Have a look what the booklet for
Yxy(57.1077, 0.3702, 0.3493)
contains.

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Color

Yxy(57.0459, 0.3703, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	EEBCAA
RGB	238, 188, 170
RGB Percent	93%, 74%, 67%
CMY	0.0665, 0.2628, 0.3333
CMYK	0.00, 0.21, 0.29, 0.07
HSL	16°, 67%, 80%
HSV	16°, 29%, 93%
XYZ	60.5102, 57.0459, 45.8524
YIQ	200.8980, 35.5780, 5.0020

Conversions

Conversions Part 2

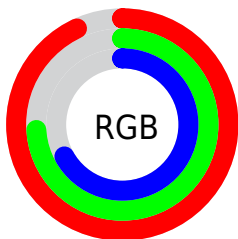
Format	Color
R _Y B	238, 194, 170
Decimal	15645866
CIE Lab	80.21, 15.45, 15.96
CIE LCh	80, 22.215, 45.929
Yxy	57.0459, 0.3703, 0.3491
Android (android.graphics.Color)	4293835946 (0xFFEEBCAA)
YUV	200.8980, -15.2327, 32.5385
Hunter-Lab	75.5287, 10.8307, 16.8760

Details

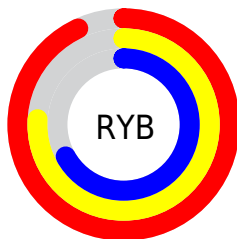
The Yxy color **57.0459, 0.3703, 0.3491** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.9400, 0.2691, 0.3079**, and the grayscale version is **58.4252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3976, 0.3317, 0.3477**, and **28.4597, 0.3852, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **49.1944, 0.3981, 0.3565**, and if you desaturate by 10%, it is **65.9737, 0.3468, 0.3417**.

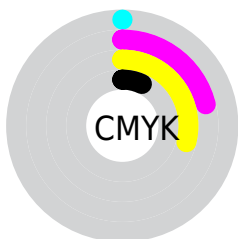
Distribution



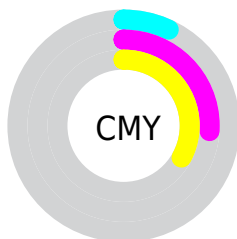
- Red (93%)
- Green (74%)
- Blue (67%)



- Red (93%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0459, 0.3703, 0.3491 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 57.0459, 0.3703, 0.3491 by changing the saturation by 10% instead.


 57.0459, 0.3703,
0.3491

 57.0459, 0.3703,
0.3491


413.6213, 0.3422,
0.3400

 41.0421, 0.3771,
0.3511


 100.5322, 0.3603,
0.3460

 28.3520, 0.3856,
0.3534


128.7834, 0.3565,
0.3448

 18.5912, 0.3967,
0.3563


161.8859, 0.3532,
0.3438

 11.3752, 0.4118,
0.3599

200.2241, 0.3504,
0.3428

 6.3198, 0.4331,
0.3642

244.1823, 0.3480,
0.3420

 3.0405, 0.4655,
0.3689

294.1450, 0.3458,

 1.1529, 0.5596,

0.3413

0.4007

350.4965, 0.3439,
0.3406

0.0227, 0.9461,
0.0539

0.0000, 0.0000,
0.0000

57.0459, 0.3703,
0.3491

57.0459, 0.3703,
0.3491

49.1944, 0.3981,
0.3565

65.9737, 0.3468,
0.3417

42.3702, 0.4304,
0.3633

76.0088, 0.3270,
0.3347

36.5319, 0.4666,
0.3687

87.1906, 0.3106,
0.3281

31.6323, 0.5054,
0.3717

96.9250, 0.3024,
0.3290

■ 27.6200, 0.5438,
0.3711

■ 24.4381, 0.5779,
0.3662

■ 22.0191, 0.6039,
0.3574

■ 21.7312, 0.6071,
0.3561

Harmonies

Analogous

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



57.0459, 0.3590, 0.3249



57.0459, 0.3703, 0.3491



57.0459, 0.3652, 0.3696

Triad

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



57.0459, 0.3703, 0.3491



57.0459, 0.2897, 0.3577



57.0459, 0.2790, 0.2810

Complementary

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



57.0459, 0.3703, 0.3491



65.9400, 0.2691, 0.3079

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.



57.0459, 0.2622, 0.2870



57.0459, 0.3703, 0.3491



57.0459, 0.2682, 0.3306

Square

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



57.0459, 0.3703, 0.3491



57.0459, 0.3180, 0.3764



57.0459, 0.2584, 0.3046



57.0459, 0.3053, 0.2868

Rectangle

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



57.0459, 0.3703, 0.3491



57.0459, 0.3536, 0.3782



57.0459, 0.2584, 0.3046



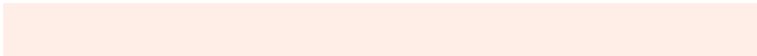
57.0459, 0.2721, 0.2816

Sweetspot

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



57.0486, 0.3703, 0.3491



88.3058, 0.3279, 0.3350



52.1577, 0.3299, 0.2744



18.5186, 0.3305, 0.3360



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.



57.0486, 0.3703, 0.3491



61.4545, 0.3852, 0.3532



72.8186, 0.3606, 0.3839



16.4382, 0.3287, 0.3353



12.2985, 0.6045, 0.3583



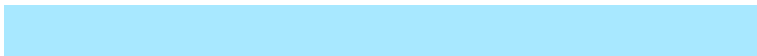
1.1805, 0.5788, 0.3786

Inverse Universe

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



65.9400, 0.2691, 0.3079



73.3379, 0.2610, 0.3032



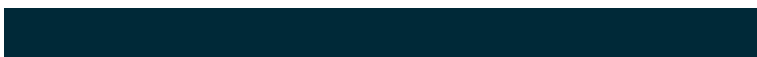
50.2683, 0.2648, 0.2673



17.1807, 0.2981, 0.3226



20.7916, 0.2003, 0.2409



1.8912, 0.2039, 0.2539

Previews

White Background



This preview shows how the Yxy color 57.0459, 0.3703, 0.3491 looks on a white background.

Color Contrast Check

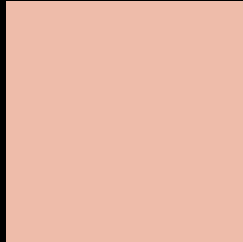
Large Text (above 18pt) WCAG AA × Fail

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 57.0459, 0.3703, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

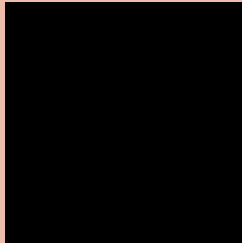
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0459, 0.3703, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 57.0459, 0.3703, 0.3491.



This preview shows how white text looks on a background with the Yxy color 57.0459, 0.3703, 0.3491.

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

57.0459, 0.3703, 0.3491

Protanopia

57.3519, 0.3380, 0.3578

Deuteranopia

57.2219, 0.3621, 0.3553



Tritanopia

57.0590, 0.3500, 0.3139

Trichromacy



Original Color

57.0459, 0.3703, 0.3491

Protanomaly

57.1074, 0.3496, 0.3548

Deuteranomaly

57.2820, 0.3650, 0.3540

Tritanomaly

56.8540, 0.3574, 0.3258

Monochromacy



Original Color

57.0459, 0.3703, 0.3491

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4937, 0.3318, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0459, 0.3703, 0.3491 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, 188, 170)` looks like.

```
.text, #text, p{  
    color:rgb(238, 188, 170)  
}
```

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, 188, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 188, 170) }
```

Border

The CSS property to change the border of an element to Yxy 57.0459, 0.3703, 0.3491 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, 188, 170) }
```

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

```
.border{ border-color:rgb(238, 188, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 188, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 188, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 188, 170);  
box-shadow:4px 4px 4px 4px rgb(238, 188,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0459, 0.3703, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 188, 170) }
```

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

```
.background{ background-color: rgb(238,  
188, 170) }
```

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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