

Converting Colors

$Y_{xy}(53.7050, 0.3710, 0.3512)$

Have a look what the booklet for
Yxy(53.7050, 0.3710, 0.3512)
contains.

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Color

Yxy(53.5362, 0.3708, 0.3508)

Conversions

Conversions Part 1

Format	Color
Hex	E7B7A4
RGB	231, 183, 164
RGB Percent	91%, 72%, 64%
CMY	0.0942, 0.2823, 0.3567
CMYK	0.00, 0.21, 0.29, 0.09
HSL	17°, 58%, 77%
HSV	17°, 29%, 91%
XYZ	56.5884, 53.5362, 42.4871
YIQ	195.1860, 34.7070, 4.2670

Conversions

Conversions Part 2

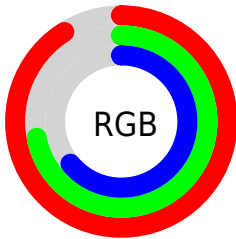
Format	Color
R _Y B	231, 191, 164
Decimal	15185828
CIE Lab	78.19, 14.64, 16.25
CIE LCh	78, 21.868, 47.989
Yxy	53.5362, 0.3708, 0.3508
Android (android.graphics.Color)	4293375908 (0xFFE7B7A4)
YUV	195.1860, -15.3747, 31.4089
Hunter-Lab	73.1684, 10.0071, 16.7897

Details

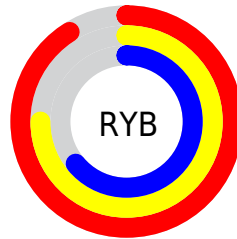
The Yxy color **53.5362, 0.3708, 0.3508** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.7570, 0.2684, 0.3060**, and the grayscale version is **54.7698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1075, 0.3361, 0.3489**, and **26.1338, 0.3865, 0.3562** is the 20% darker color. If you saturate the color by 10%, you get **46.3465, 0.3983, 0.3586**, and if you desaturate by 10%, it is **61.6855, 0.3474, 0.3429**.

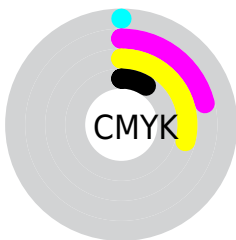
Distribution



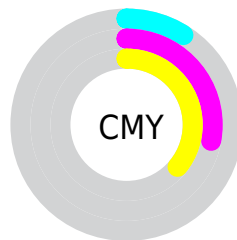
- Red (91%)
- Green (72%)
- Blue (64%)



- Red (91%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (29%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5362, 0.3708, 0.3508 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 53.5362, 0.3708, 0.3508 by changing the saturation by 10% instead.


 53.5362, 0.3708,
0.3508

 53.5362, 0.3708,
0.3508


400.3389, 0.3422,
0.3408

 38.2310, 0.3778,
0.3530


 95.3929, 0.3605,
0.3474

 26.1620, 0.3867,
0.3557


 122.7132, 0.3566,
0.3460

 16.9449, 0.3983,
0.3590


154.8073, 0.3533,
0.3449

 10.1952, 0.4141,
0.3631

192.0596, 0.3505,
0.3439

 5.5286, 0.4368,
0.3680

234.8546, 0.3480,
0.3430

 2.5606, 0.4718,
0.3736

283.5765, 0.3458,

 0.9069, 0.5850,

0.3422

0.4150

338.6098, 0.3439,
0.3415

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5362, 0.3708,
0.3508

53.5362, 0.3708,
0.3508

46.3465, 0.3983,
0.3586

61.6855, 0.3474,
0.3429

40.0730, 0.4301,
0.3659

70.8207, 0.3277,
0.3354

34.6799, 0.4657,
0.3718

80.9768, 0.3112,
0.3283

30.1260, 0.5035,
0.3751

92.0921, 0.2981,
0.3232

■ 26.3667, 0.5410,
0.3746

■ 95.7269, 0.2981,
0.3290

■ 23.3525, 0.5743,
0.3697

■ 21.0234, 0.6002,
0.3607

■ 20.8213, 0.6025,
0.3598

Harmonies

Analogous

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



53.5362, 0.3605, 0.3265



53.5362, 0.3708, 0.3508



53.5362, 0.3646, 0.3710

Triad

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



53.5362, 0.3708, 0.3508



53.5362, 0.2878, 0.3561



53.5362, 0.2804, 0.2808

Complementary

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



53.5362, 0.3708, 0.3508



60.7570, 0.2684, 0.3060

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.



53.5362, 0.2628, 0.2860



53.5362, 0.3708, 0.3508



53.5362, 0.2668, 0.3287

Square

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



53.5362, 0.3708, 0.3508



53.5362, 0.3160, 0.3758



53.5362, 0.2579, 0.3030



53.5362, 0.3073, 0.2874

Rectangle

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



53.5362, 0.3708, 0.3508



53.5362, 0.3523, 0.3791



53.5362, 0.2579, 0.3030



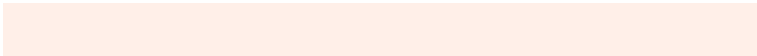
53.5362, 0.2733, 0.2811

Sweetspot

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



53.5387, 0.3708, 0.3508



88.5615, 0.3278, 0.3354



48.3033, 0.3321, 0.2761



18.5812, 0.3305, 0.3365



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.



53.5387, 0.3708, 0.3508



61.2854, 0.3874, 0.3557



69.0266, 0.3606, 0.3869



15.0298, 0.3285, 0.3357



11.8563, 0.5997, 0.3620



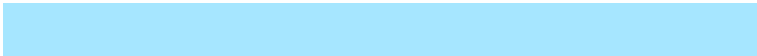
1.0302, 0.5710, 0.3849

Inverse Universe

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



60.7570, 0.2684, 0.3060



71.7294, 0.2593, 0.3003



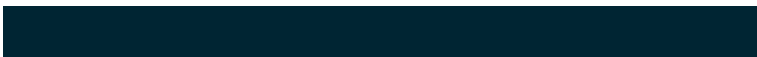
45.7202, 0.2638, 0.2635



15.6097, 0.2981, 0.3222



18.6492, 0.1984, 0.2343



1.5340, 0.2027, 0.2498

Previews

White Background



This preview shows how the Yxy color 53.5362, 0.3708, 0.3508 looks on a white background.

Color Contrast Check

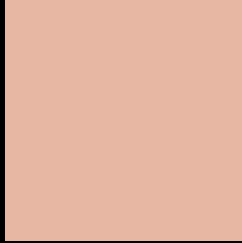
Large Text (above 18pt) WCAG AA × Fail

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 53.5362, 0.3708, 0.3508 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 53.5362, 0.3708, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 53.5362, 0.3708, 0.3508.



This preview shows how white text looks on a background with the Yxy color 53.5362, 0.3708, 0.3508.

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

53.5362, 0.3708, 0.3508

Protanopia

53.7010, 0.3396, 0.3585

Deuteranopia

53.4501, 0.3637, 0.3560



Tritanopia

53.5829, 0.3492, 0.3135

Trichromacy



Original Color

53.5362, 0.3708, 0.3508

Protanomaly

53.3313, 0.3507, 0.3555

Deuteranomaly

53.5110, 0.3666, 0.3546

Tritanomaly

53.3436, 0.3577, 0.3269

Monochromacy



Original Color

53.5362, 0.3708, 0.3508

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1322, 0.3322, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5362, 0.3708, 0.3508 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(231, 183, 164)` looks like.

```
.text, #text, p{  
    color:rgb(231, 183, 164)  
}
```

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(231, 183, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 183, 164) }
```

Border

The CSS property to change the border of an element to Yxy 53.5362, 0.3708, 0.3508 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(231, 183, 164) }
```

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

```
.border{ border-color:rgb(231, 183, 164) }
```

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

Here you see how a box with a 4 pixel rgb(231, 183, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 183, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 183, 164);  
box-shadow:4px 4px 4px 4px rgb(231, 183,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5362, 0.3708, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 183, 164) }
```

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

```
.background{ background-color: rgb(231,  
183, 164) }
```

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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