

Converting Colors

XYZ(87.1613, 71.2692, 53.7310)

Have a look what the booklet for
XYZ(87.1613, 71.2692, 53.7310)
contains.

XYZ(68.2007, 61.5058, 53.0770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.2007, 61.5058,
53.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEB7
RGB	255, 190, 183
RGB Percent	100%, 75%, 72%
CMY	0.0000, 0.2549, 0.2823
CMYK	0.00, 0.25, 0.28, 0.00
HSL	6°, 100%, 86%
HSV	6°, 28%, 100%
XYZ	68.2007, 61.5058, 53.0770
YIQ	208.6370, 40.9870, 11.6030

Conversions

Conversions Part 2

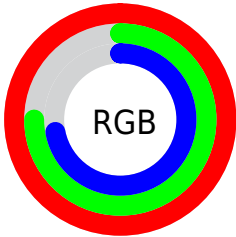
Format	Color
R _Y B	255, 191, 183
Decimal	16760503
CIE Lab	82.65, 22.42, 12.68
CIE LCh	83, 25.755, 29.502
Yxy	61.5058, 0.3731, 0.3365
Android (android.graphics.Color)	4294950583 (0xFFFFBEB7)
YUV	208.6370, -12.6390, 40.6604
Hunter-Lab	78.4256, 17.9828, 14.7716

Details

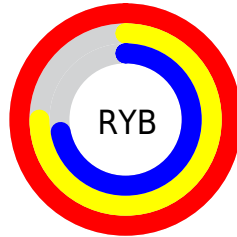
The XYZ color **68.2007, 61.5058, 53.0770** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1447, 84.4192, 107.1526**, and the grayscale version is **60.4302, 63.5773, 69.2356**.

A 20% lighter version of the original color is **90.0808, 94.0135, 95.0600**, and **35.8594, 31.0903, 25.2301** is the 20% darker color. If you saturate the color by 10%, you get **61.1851, 51.3443, 38.8088**, and if you desaturate by 10%, it is **76.4876, 73.4401, 70.1425**.

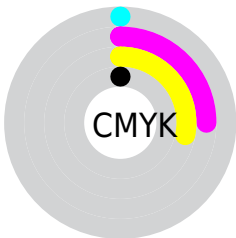
Distribution



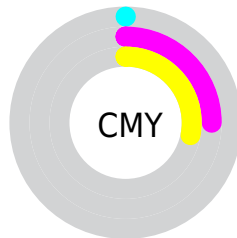
- Red (100%)
- Green (75%)
- Blue (72%)



- Red (100%)
- Yellow (75%)
- Blue (72%)



- Cyan (0%)
- Magenta (25%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.2007, 61.5058, 53.0770 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 XYZ color 68.2007, 61.5058, 53.0770 by changing the saturation by 10% instead.


 68.2007, 61.5058,
53.0770

 68.2007, 61.5058,
53.0770


443.5724,
430.1261, 415.6551

 50.3353, 44.6335,
37.4761


 115.6795,
107.0110, 96.1604

 35.8988, 31.1688,
25.2777


146.0237,
136.4126, 124.4799

 24.5258, 20.7275,
16.0631


181.2582,
170.7595, 157.8761

 15.8509, 12.9249,
9.4140

221.7483,
210.4360, 196.7674

 9.5089, 7.3769,
4.9117

267.8594,
255.8265, 241.5724

 5.1343, 3.6989,
2.1377

319.9569,

 2.3619, 1.5066,

307.3154, 292.7097

0.6381

378.4061,
365.2872, 350.5978

■ 0.8260, 0.2934,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.2007, 61.5058,
53.0770

■ 68.2007, 61.5058,
53.0770

■ 61.1851, 51.3443,
38.8088

■ 76.4876, 73.4401,
70.1425

■ 55.3734, 42.8629,
27.1852

■ 86.0997, 87.2171,
90.1396

■ 50.6989, 35.9735,
18.0442

95.0500, 100.0000,
108.9000

■ 47.0864, 30.5764,
11.2050

■ 44.4517, 26.5608,
6.4616

■ 42.6975, 23.8001,
3.5719

■ 41.7009, 22.1424,
2.2053

■ 41.5836, 21.9471,
2.0445

Harmonies

Analogous

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



69.7381, 61.5058, 67.2341



68.2007, 61.5058, 53.0770



64.0179, 61.5058, 44.0273

Triad

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



68.2007, 61.5058, 53.0770



49.7758, 61.5058, 52.6858



58.3672, 61.5058, 102.2297

Complementary

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



68.2007, 61.5058, 53.0770



71.1447, 84.4192, 107.1526

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.



53.2323, 61.5058, 96.7519



68.2007, 61.5058, 53.0770



48.4675, 61.5058, 66.7053

Square

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



68.2007, 61.5058, 53.0770



53.3827, 61.5058, 43.8277



49.6929, 61.5058, 83.0961



63.8482, 61.5058, 97.0902

Rectangle

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



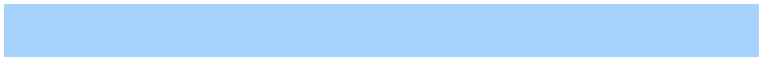
68.2007, 61.5058, 53.0770



60.4163, 61.5058, 41.2888



49.6929, 61.5058, 83.0961



56.5452, 61.5058, 101.5576

Sweetspot

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



68.2022, 61.5086, 53.0782



86.3418, 87.5633, 90.6453



75.2727, 61.9671, 97.6162



18.1515, 18.2712, 18.7143



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



68.2022, 61.5086, 53.0782



64.0058, 55.4381, 44.5197



76.7128, 78.5297, 55.9151



18.1515, 18.2712, 18.7143



21.7751, 11.5614, 1.0839



2.1655, 1.2163, 0.1206

Inverse Universe

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



71.1447, 84.4192, 107.1526



67.3902, 81.8334, 106.8513



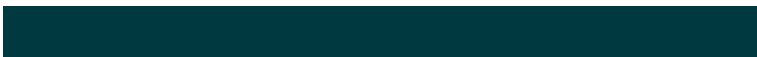
61.3732, 64.8764, 103.8954



18.3949, 20.1615, 23.1720



24.3067, 33.5229, 54.6241



2.4087, 3.3480, 5.3326

Previews

White Background



This preview shows how the XYZ color 68.2007, 61.5058, 53.0770 looks on a white background.

Color Contrast Check

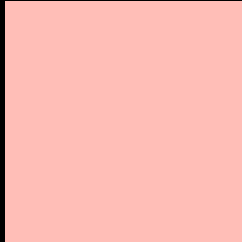
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 68.2007, 61.5058, 53.0770 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](#).

XYZ 68.2007, 61.5058, 53.0770

Background



This preview shows how black text looks on a background with the XYZ color 68.2007, 61.5058, 53.0770.



This preview shows how white text looks on a background with the XYZ color 68.2007, 61.5058,

53.0770.

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

68.2007, 61.5058, 53.0770

Protanopia

58.6759, 61.5704, 58.0819

Deuteranopia

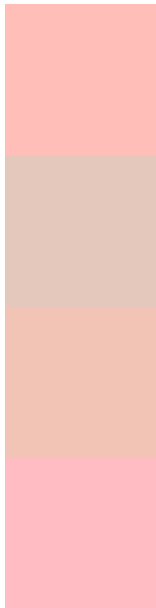
63.0249, 61.8452, 52.3316



Tritanopia

69.8839, 61.4907, 64.0627

Trichromacy



Original Color

68.2007, 61.5058, 53.0770

Protanomaly

61.7263, 61.4334, 56.1815

Deuteranomaly

64.8014, 61.7345, 52.7565

Tritanomaly

69.2879, 61.5953, 59.8670

Monochromacy



Original Color

68.2007, 61.5058, 53.0770

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.9099, 62.5799, 63.4070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2007, 61.5058, 53.0770 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(255, 190, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 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(255, 190, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 183) }
```

Border

The CSS property to change the border of an element to XYZ 68.2007, 61.5058, 53.0770 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(255, 190, 183) }
```


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

```
.border{ border-color:rgb(255, 190, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2007, 61.5058, 53.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 183) }
```

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

```
.background{ background-color: rgb(255,  
190, 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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