

Converting Colors

XYZ(68.5131, 61.1685, 56.1474)

Have a look what the booklet for
XYZ(68.5131, 61.1685, 56.1474)
contains.

XYZ(68.6229, 61.3293, 56.3650)	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(68.6229, 61.3293,
56.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDBD
RGB	255, 189, 189
RGB Percent	100%, 74%, 74%
CMY	0.0000, 0.2588, 0.2588
CMYK	0.00, 0.26, 0.26, 0.00
HSL	0°, 100%, 87%
HSV	0°, 26%, 100%
XYZ	68.6229, 61.3293, 56.3650
YIQ	208.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

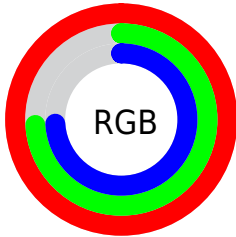
Format	Color
R _Y B	255, 189, 189
Decimal	16760253
CIE Lab	82.56, 23.74, 9.34
CIE LCh	83, 25.514, 21.462
Yxy	61.3293, 0.3683, 0.3292
Android (android.graphics.Color)	4294950333 (0xFFFFBDBD)
YUV	208.7340, -9.7289, 40.5753
Hunter-Lab	78.3130, 19.3654, 12.1457

Details

The XYZ color **68.6229, 61.3293, 56.3650** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7950, 89.5558, 107.9516**, and the grayscale version is **60.4757, 63.6252, 69.2878**.

A 20% lighter version of the original color is **90.6772, 93.7641, 99.7053**, and **36.1339, 30.9758, 27.3670** is the 20% darker color. If you saturate the color by 10%, you get **61.0835, 50.2976, 41.3753**, and if you desaturate by 10%, it is **77.6162, 74.4895, 74.2416**.

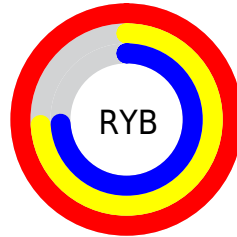
Distribution



Red (100%)

Green (74%)

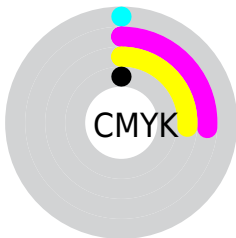
Blue (74%)



Red (100%)

Yellow (74%)

Blue (74%)

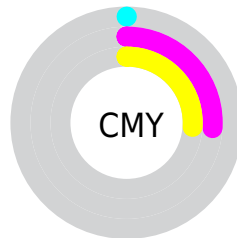


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.6229, 61.3293, 56.3650 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 68.6229, 61.3293, 56.3650 by changing the saturation by 10% instead.


 68.6229, 61.3293,
56.3650

 68.6229, 61.3293,
56.3650


445.0420,
429.4804, 428.4925

 50.6802, 44.4910,
40.0897

 116.2798,
106.7556, 101.0292

 36.1742, 31.0567,
27.2942


146.7247,
136.1124, 130.2551

 24.7395, 20.6420,
17.5599


182.0678,
170.4107, 164.6350

 16.0107, 12.8626,
10.4683

222.6743,
210.0351, 204.5873

 9.6227, 7.3340,
5.6009

268.9096,
255.3698, 250.5307

 5.2098, 3.6718,
2.5391

321.1391,

 2.4069, 1.4917,

306.7994, 302.8837

0.8608

379.7281,
364.7081, 362.0648

■ 0.8486, 0.2829,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.6229, 61.3293,
56.3650

■ 68.6229, 61.3293,
56.3650

■ 61.0835, 50.2976,
41.3753

■ 77.6162, 74.4895,
74.2416

■ 54.9175, 41.2749,
29.1176

■ 88.1292, 89.8730,
95.1414

■ 50.0435, 34.1427,
19.4286

95.0500, 100.0000,
108.9000

■ 46.3697, 28.7668,
12.1257

■ 43.7923, 24.9952,
7.0025

■ 42.1899, 22.6502,
3.8174

■ 41.4118, 21.5115,
2.2712

■ 41.2402, 21.2604,
1.9301

Harmonies

Analogous

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



69.3074, 61.3293, 71.3432



68.6229, 61.3293, 56.3650



65.0833, 61.3293, 45.9041

Triad

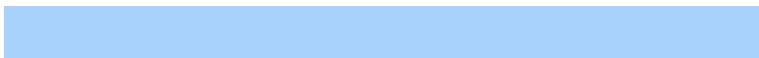
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.6229, 61.3293, 56.3650



50.4562, 61.3293, 49.7350



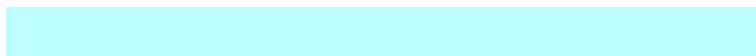
56.7462, 61.3293, 101.1591

Complementary

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



68.6229, 61.3293, 56.3650



74.7950, 89.5558, 107.9516

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.



51.9898, 61.3293, 93.1769



68.6229, 61.3293, 56.3650



48.5098, 61.3293, 62.4102

Square

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



68.6229, 61.3293, 56.3650



54.5326, 61.3293, 42.5128



49.0531, 61.3293, 78.3986



62.2196, 61.3293, 98.8652

Rectangle

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



68.6229, 61.3293, 56.3650



61.6951, 61.3293, 42.1255



49.0531, 61.3293, 78.3986



55.0158, 61.3293, 99.5488

Sweetspot

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



68.6244, 61.3321, 56.3662



85.7720, 86.4238, 90.4554



77.4879, 64.8758, 103.0460



18.0096, 17.9873, 18.6670



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.



68.6244, 61.3321, 56.3662



64.5882, 55.4260, 48.3425



76.5469, 77.1771, 59.0071



18.0096, 17.9873, 18.6670



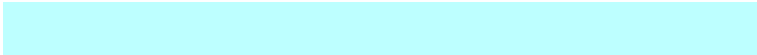
21.5489, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



74.7950, 89.5558, 107.9516



71.7013, 87.9605, 107.8068



65.1580, 70.2819, 104.7393



18.5548, 20.4813, 23.2253



28.1137, 41.1370, 55.8931



2.7374, 4.0054, 5.4421

Previews

White Background



This preview shows how the XYZ color 68.6229, 61.3293, 56.3650 looks on a white background.

Color Contrast Check

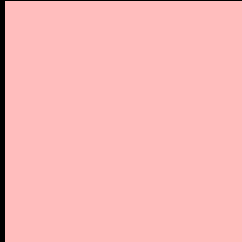
Large Text (above 18pt) WCAG AA × Fail

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 68.6229, 61.3293, 56.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

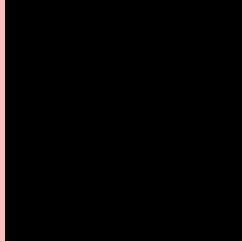
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.6229, 61.3293, 56.3650

Background



This preview shows how black text looks on a background with the XYZ color 68.6229, 61.3293, 56.3650.



This preview shows how white text looks on a background with the XYZ color 68.6229, 61.3293,

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

68.6229, 61.3293, 56.3650

Protanopia

58.8883, 61.5887, 62.2101

Deuteranopia

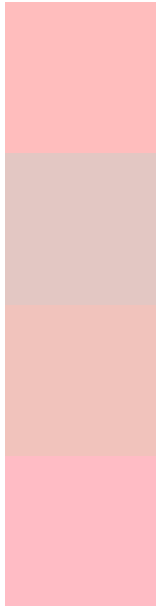
62.7680, 61.2997, 55.5375



Tritanopia

69.8839, 61.4907, 64.0627

Trichromacy



Original Color

68.6229, 61.3293, 56.3650

Protanomaly

61.9523, 61.1179, 60.1614

Deuteranomaly

64.8678, 61.3618, 56.0021

Tritanomaly

69.3013, 61.2577, 60.9947

Monochromacy



Original Color

68.6229, 61.3293, 56.3650

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.1452, 62.6741, 64.6463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6229, 61.3293, 56.3650 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, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 189)  
}
```

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, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 189) }
```

Border

The CSS property to change the border of an element to XYZ 68.6229, 61.3293, 56.3650 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, 189, 189) }
```


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

```
.border{ border-color:rgb(255, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6229, 61.3293, 56.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 189) }
```

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

```
.background{ background-color: rgb(255,  
189, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor