

Converting Colors

XYZ(74.9233, 64.5385, 55.4449)

Have a look what the booklet for
XYZ(74.9233, 64.5385, 55.4449)
contains.

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Color

**XYZ(68.4072, 61.2430,
55.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDBB
RGB	255, 189, 187
RGB Percent	100%, 74%, 73%
CMY	0.0000, 0.2588, 0.2667
CMYK	0.00, 0.26, 0.27, 0.00
HSL	2°, 100%, 87%
HSV	2°, 27%, 100%
XYZ	68.4072, 61.2430, 55.2293
YIQ	208.5060, 39.9780, 13.3700

Conversions

Conversions Part 2

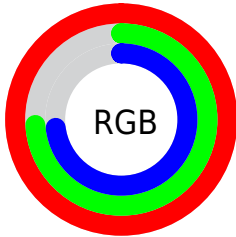
Format	Color
R _Y B	255, 189, 187
Decimal	16760251
CIE Lab	82.51, 23.47, 10.34
CIE LCh	83, 25.651, 23.776
Yxy	61.2430, 0.3700, 0.3313
Android (android.graphics.Color)	4294950331 (0xFFFFBDBB)
YUV	208.5060, -10.6025, 40.7752
Hunter-Lab	78.2579, 19.0800, 12.9375

Details

The XYZ color **68.4072, 61.2430, 55.2293** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6676, 88.0324, 107.7170**, and the grayscale version is **60.3325, 63.4745, 69.1238**.

A 20% lighter version of the original color is **90.3734, 93.6426, 98.1057**, and **35.9930, 30.9195, 26.6253** is the 20% darker color. If you saturate the color by 10%, you get **61.0390, 50.4943, 40.4797**, and if you desaturate by 10%, it is **77.1715, 74.0077, 72.8370**.

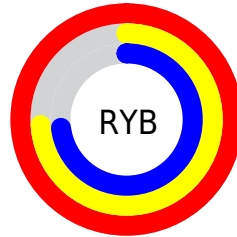
Distribution



Red (100%)

Green (74%)

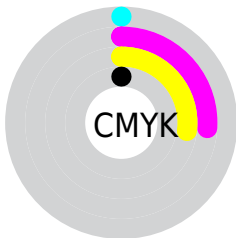
Blue (73%)



Red (100%)

Yellow (74%)

Blue (73%)

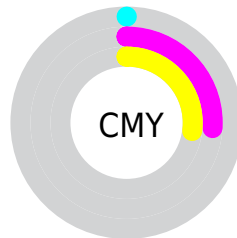


Cyan (0%)

Magenta (26%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.4072, 61.2430, 55.2293 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 68.4072, 61.2430, 55.2293 by changing the saturation by 10% instead.


 68.4072, 61.2430,
55.2293

 68.4072, 61.2430,
55.2293


444.2915,
429.1644, 424.0870

 50.5040, 44.4213,
39.1855


 115.9732,
106.6307, 99.3514

 36.0334, 31.0019,
26.5951


146.3667,
135.9655, 128.2667

 24.6302, 20.6003,
17.0396


181.6543,
170.2401, 162.3096

 15.9291, 12.8321,
10.1005

222.2013,
209.8390, 201.8987

 9.5645, 7.3130,
5.3592

268.3732,
255.1464, 247.4524

 5.1712, 3.6586,
2.3971


320.5353,

 2.3839, 1.4845,


306.5469, 299.3893


0.7849


379.0530,
364.4248, 358.1280


 0.8371, 0.2778,
0.0000


 0.0000, 0.0000,
0.0000


 68.4072, 61.2430,
55.2293


 68.4072, 61.2430,
55.2293

 61.0390, 50.4943,
40.4797


 77.1715, 74.0077,
72.8370

 54.9907, 41.6509,
28.4341

 87.3939, 88.8752,
93.4384

 50.1855, 34.6040,
18.9295

95.0500, 100.0000,
108.9000

 46.5371, 29.2305,
11.7839

■ 43.9481, 25.3922,
6.7910

■ 42.3051, 22.9282,
3.7093

■ 41.4685, 21.6424,
2.2359

■ 41.3216, 21.4232,
1.9572

Harmonies

Analogous

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



69.3392, 61.2430, 70.0127



68.4072, 61.2430, 55.2293



64.6689, 61.2430, 45.1592

Triad

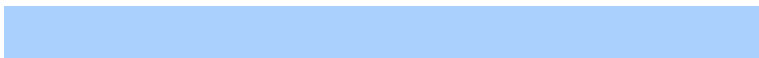
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.4072, 61.2430, 55.2293



50.1073, 61.2430, 50.3753



57.0734, 61.2430, 101.4526

Complementary

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



68.4072, 61.2430, 55.2293



73.6676, 88.0324, 107.7170

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.



52.1954, 61.2430, 94.1461



68.4072, 61.2430, 55.2293



48.3397, 61.2430, 63.4610

Square

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



68.4072, 61.2430, 55.2293



54.0593, 61.2430, 42.6800



49.0795, 61.2430, 79.6204



62.5671, 61.2430, 98.3289

Rectangle

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



68.4072, 61.2430, 55.2293



61.2071, 61.2430, 41.6772



49.0795, 61.2430, 79.6204



55.3117, 61.2430, 100.1026

Sweetspot

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



68.4087, 61.2458, 55.2305



85.9437, 86.7672, 90.5126



76.8786, 63.9484, 101.9454



18.0523, 18.0728, 18.6813



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.



68.4087, 61.2458, 55.2305



64.3089, 55.2673, 47.0166



76.3667, 77.1617, 57.8832



18.0523, 18.0728, 18.6813



21.6100, 11.2312, 1.0289



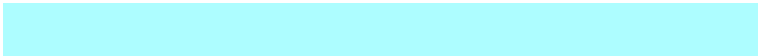
2.1185, 1.1224, 0.1050

Inverse Universe

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



73.6676, 88.0324, 107.7170



70.3694, 86.1444, 107.5264



64.1022, 68.9018, 104.5286



18.5062, 20.3841, 23.2091



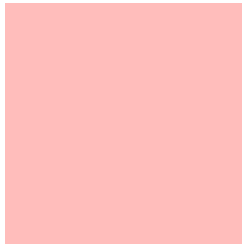
26.9086, 38.7267, 55.4914



2.6339, 3.7985, 5.4076

Previews

White Background



This preview shows how the XYZ color 68.4072, 61.2430, 55.2293 looks on a white background.

Color Contrast Check

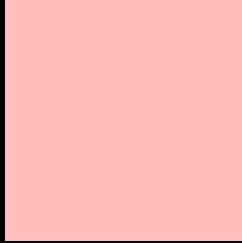
Large Text (above 18pt) WCAG AA × Fail

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 68.4072, 61.2430, 55.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

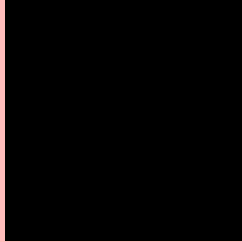
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4072, 61.2430, 55.2293

Background



This preview shows how black text looks on a background with the XYZ color 68.4072, 61.2430, 55.2293.

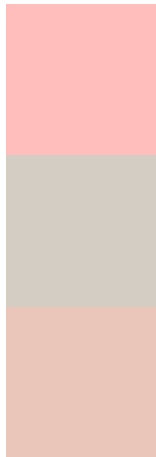


This preview shows how white text looks on a background with the XYZ color 68.4072, 61.2430,

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

68.4072, 61.2430, 55.2293

Protanopia

58.9465, 61.6452, 61.0165

Deuteranopia

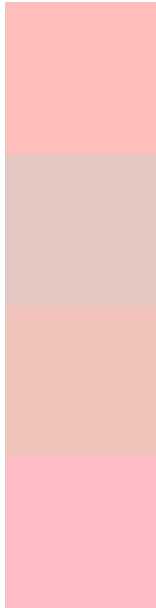
62.5553, 61.2146, 54.4175



Tritanopia

69.7658, 61.4435, 63.4411

Trichromacy



Original Color

68.4072, 61.2430, 55.2293

Protanomaly

62.0440, 61.1911, 58.9931

Deuteranomaly

64.6537, 61.2762, 54.8742

Tritanomaly

69.1870, 61.2120, 60.3931

Monochromacy



Original Color

68.4072, 61.2430, 55.2293

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.0272, 62.6269, 64.0246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4072, 61.2430, 55.2293 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 187) }
```

Border

The CSS property to change the border of an element to XYZ 68.4072, 61.2430, 55.2293 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, 187) }
```


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

```
.border{ border-color:rgb(255, 189, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4072, 61.2430, 55.2293 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
189, 187) }
```

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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