

Converting Colors

XYZ(117.7211, 87.2820,
54.2361)

Have a look what the booklet for
XYZ(117.7211, 87.2820, 54.2361)
contains.

XYZ(68.2113, 61.8578, 52.0607)	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(68.2113, 61.8578,
52.0607)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFB5
RGB	255, 191, 181
RGB Percent	100%, 75%, 71%
CMY	0.0000, 0.2510, 0.2902
CMYK	0.00, 0.25, 0.29, 0.00
HSL	8°, 100%, 85%
HSV	8°, 29%, 100%
XYZ	68.2113, 61.8578, 52.0607
YIQ	208.9960, 41.3540, 10.4580

Conversions

Conversions Part 2

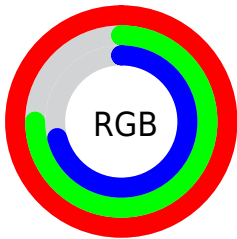
Format	Color
R_{YB}	255, 193, 181
Decimal	16760757
CIE Lab	82.84, 21.63, 14.02
CIE LCh	83, 25.775, 32.948
Yxy	61.8578, 0.3745, 0.3396
Android (android.graphics.Color)	4294950837 (0xFFFFBFB5)
YUV	208.9960, -13.8020, 40.3455
Hunter-Lab	78.6497, 17.1724, 15.8089

Details

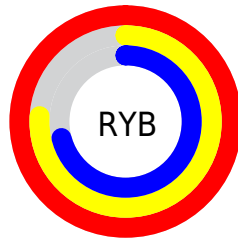
The XYZ color **68.2113, 61.8578, 52.0607** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7573, 82.3458, 106.8255**, and the grayscale version is **60.6714, 63.8310, 69.5120**.

A 20% lighter version of the original color is **90.0935, 94.5092, 93.6144**, and **35.8679, 31.3202, 24.5770** is the 20% darker color. If you saturate the color by 10%, you get **61.3780, 52.0023, 38.0341**, and if you desaturate by 10%, it is **76.2506, 73.3587, 68.8532**.

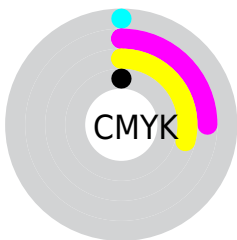
Distribution



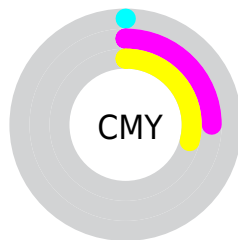
- Red (100%)
- Green (75%)
- Blue (71%)



- Red (100%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2113, 61.8578, 52.0607 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 68.2113, 61.8578, 52.0607 by changing the saturation by 10% instead.


 68.2113, 61.8578,
52.0607

 68.2113, 61.8578,
52.0607


443.6093,
431.4122, 411.6345

 50.3440, 44.9178,
36.6709


 115.6946,
107.5200, 94.6482

 35.9057, 31.3927,
24.6590


146.0413,
137.0110, 122.6831

 24.5311, 20.8981,
15.6065


181.2785,
171.4544, 155.7699

 15.8549, 13.0495,
9.0948

221.7715,
211.2347, 194.3275

 9.5118, 7.4626,
4.7054

267.8858,
256.7362, 238.7741

 5.1362, 3.7531,
2.0198

319.9866,

 2.3630, 1.5364,

308.3434, 289.5285

0.5674

378.4393,
366.4406, 347.0091

■ 0.8266, 0.3142,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.2113, 61.8578,
52.0607

■ 68.2113, 61.8578,
52.0607

■ 61.3780, 52.0023,
38.0341

■ 76.2506, 73.3587,
68.8532

■ 55.6878, 43.7087,
26.6212

■ 85.5458, 86.5665,
88.5453

■ 51.0788, 36.8989,
17.6607

95.0500, 100.0000,
108.9000

■ 47.4814, 31.4847,
10.9720

■ 44.8177, 27.3687,
6.3495

■ 42.9978, 24.4403,
3.5499

■ 41.9041, 22.5663,
2.2190

■ 41.8258, 22.4315,
2.1253

Harmonies

Analogous

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



70.1080, 61.8578, 65.7931



68.2113, 61.8578, 52.0607



63.7821, 61.8578, 43.6363

Triad

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



68.2113, 61.8578, 52.0607



49.7931, 61.8578, 54.3873



59.3445, 61.8578, 102.7164

Complementary

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



68.2113, 61.8578, 52.0607



69.7573, 82.3458, 106.8255

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.



54.0730, 61.8578, 98.4017



68.2113, 61.8578, 52.0607



48.7678, 61.8578, 68.9366

Square

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



68.2113, 61.8578, 52.0607



53.1790, 61.8578, 44.8237



50.2860, 61.8578, 85.3793



64.7909, 61.8578, 96.3919

Rectangle

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



68.2113, 61.8578, 52.0607



60.1139, 61.8578, 41.3471



50.2860, 61.8578, 85.3793



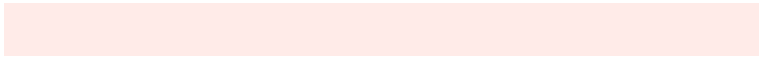
57.4935, 61.8578, 102.4638

Sweetspot

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



68.2128, 61.8606, 52.0619



85.5647, 86.5933, 88.5856



74.2660, 60.9091, 94.3355



18.0077, 18.0998, 18.3079



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.



68.2128, 61.8606, 52.0619



63.9840, 55.7720, 43.3490



77.2875, 80.0100, 55.0868



18.2074, 18.3829, 18.7330



21.9150, 11.8413, 1.1306



2.1917, 1.2687, 0.1294

Inverse Universe

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



69.7573, 82.3458, 106.8255



65.7541, 79.3611, 106.4604



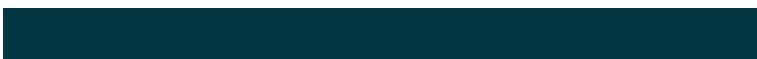
59.6950, 62.2212, 103.4714



18.3331, 20.0378, 23.1514



22.9575, 30.8246, 54.1743



2.2907, 3.1121, 5.2932

Previews

White Background



This preview shows how the XYZ color 68.2113, 61.8578, 52.0607 looks on a white background.

Color Contrast Check

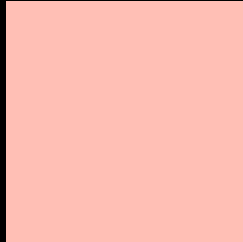
Large Text (above 18pt) WCAG AA × Fail

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 68.2113, 61.8578, 52.0607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

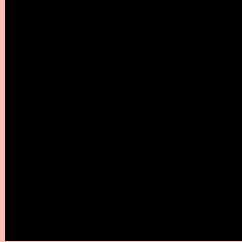
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.2113, 61.8578, 52.0607

Background



This preview shows how black text looks on a background with the XYZ color 68.2113, 61.8578, 52.0607.



This preview shows how white text looks on a background with the XYZ color 68.2113, 61.8578,

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

68.2113, 61.8578, 52.0607

Protanopia

58.9882, 62.1129, 57.0241

Deuteranopia

63.2537, 61.9750, 51.8086



Tritanopia

70.0983, 61.9195, 64.1342

Trichromacy



Original Color

68.2113, 61.8578, 52.0607

Protanomaly

62.0627, 61.9765, 55.1460

Deuteranomaly

64.9403, 61.8298, 51.6916

Tritanomaly

69.3911, 61.9820, 59.3453

Monochromacy



Original Color

68.2113, 61.8578, 52.0607

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.7934, 62.5333, 62.7934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2113, 61.8578, 52.0607 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, 191, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 181)  
}
```

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, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 181) }
```

Border

The CSS property to change the border of an element to XYZ 68.2113, 61.8578, 52.0607 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, 191, 181) }
```


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

```
.border{ border-color:rgb(255, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2113, 61.8578, 52.0607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 181) }
```

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

```
.background{ background-color: rgb(255,  
191, 181) }
```

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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