

Converting Colors

XYZ(68.5912, 62.1629, 52.8470)

Have a look what the booklet for
XYZ(68.5912, 62.1629, 52.8470)
contains.

| | |
|--|----|
| XYZ(68.3143, 61.8990, 52.6031) | 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(68.3143, 61.8990,
52.6031)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFBFB6 |
| RGB | 255, 191, 182 |
| RGB Percent | 100%, 75%, 71% |
| CMY | 0.0000, 0.2510, 0.2863 |
| CMYK | 0.00, 0.25, 0.29, 0.00 |
| HSL | 7°, 100%, 86% |
| HSV | 7°, 29%, 100% |
| XYZ | 68.3143, 61.8990, 52.6031 |
| YIQ | 209.1100, 41.0330, 10.7690 |

Conversions

Conversions Part 2

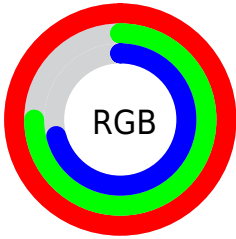
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 192, 182 |
| Decimal | 16760758 |
| CIE _{Lab} | 82.86, 21.76, 13.51 |
| CIE _{LCh} | 83, 25.615, 31.844 |
| Yxy | 61.8990, 0.3737, 0.3386 |
| Android (android.graphics.Color) | 4294950838 (0xFFFFBFB6) |
| YUV | 209.1100, -13.3652, 40.2455 |
| Hunter-Lab | 78.6759, 17.3087, 15.4316 |

Details

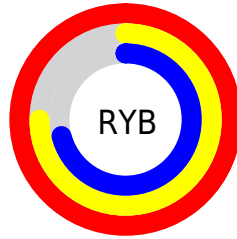
The XYZ color **68.3143, 61.8990, 52.6031** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2960, 83.0738, 106.9376**, and the grayscale version is **60.7432, 63.9066, 69.5942**.

A 20% lighter version of the original color is **90.2400, 94.5678, 94.3862**, and **35.9341, 31.3466, 24.9254** is the 20% darker color. If you saturate the color by 10%, you get **61.4066, 51.9239, 38.4614**, and if you desaturate by 10%, it is **76.4490, 73.5597, 69.5225**.

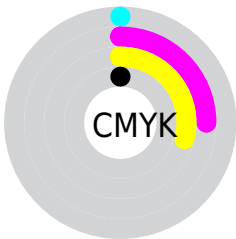
Distribution



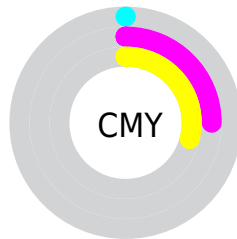
- Red (100%)
- Green (75%)
- Blue (71%)



- Red (100%)
- Yellow (75%)
- 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 68.3143, 61.8990, 52.6031 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 68.3143, 61.8990, 52.6031 by changing the saturation by 10% instead.


 68.3143, 61.8990,
52.6031

 68.3143, 61.8990,
52.6031


443.9681,
431.5626, 413.7835

 50.4281, 44.9511,
37.1005


 115.8411,
107.5795, 95.4557

 35.9728, 31.4189,
24.9889


146.2124,
137.0810, 123.6427

 24.5832, 20.9180,
15.8498


181.4761,
171.5357, 156.8950

 15.8939, 13.0641,
9.2648

221.9975,
211.3281, 195.6310

 9.5395, 7.4727,
4.8151

268.1421,
256.8426, 240.2694

 5.1546, 3.7594,
2.0824

320.2752,

 2.3740, 1.5399,

308.4636, 291.2285

0.6052

378.7620,
366.5755, 348.9271

■ 0.8321, 0.3166,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.3143, 61.8990,
52.6031

■ 68.3143, 61.8990,
52.6031

■ 61.4066, 51.9239,
38.4614

■ 76.4490, 73.5597,
69.5225

■ 55.6617, 43.5484,
26.9452

■ 85.8617, 86.9703,
89.3534

■ 51.0162, 36.6914,
17.8934

95.0500, 100.0000,
108.9000

■ 47.3991, 31.2613,
11.1255

■ 44.7306, 27.1569,
6.4363

■ 42.9190, 24.2631,
3.5837

■ 41.8464, 22.4420,
2.2267

■ 41.7420, 22.2640,
2.0973

Harmonies

Analogous

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



70.0875, 61.8990, 66.4245



68.3143, 61.8990, 52.6031



63.9831, 61.8990, 44.0000

Triad

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



68.3143, 61.8990, 52.6031



49.9657, 61.8990, 54.0518



59.1752, 61.8990, 102.5582

Complementary

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



68.3143, 61.8990, 52.6031



70.2960, 83.0738, 106.9376

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.



53.9672, 61.8990, 97.8945



68.3143, 61.8990, 52.6031



48.8530, 61.8990, 68.3800

Square

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



68.3143, 61.8990, 52.6031



53.4109, 61.8990, 44.7399



50.2725, 61.8990, 84.7342



64.6105, 61.8990, 96.6458

Rectangle

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



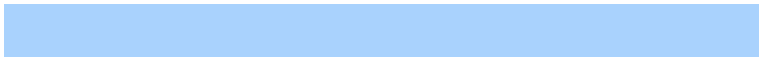
68.3143, 61.8990, 52.6031



60.3513, 61.8990, 41.5714



50.2725, 61.8990, 84.7342



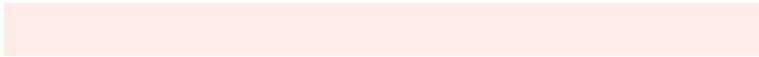
57.3407, 61.8990, 102.1729

Sweetspot

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



68.3158, 61.9018, 52.6043



85.4869, 86.4376, 88.5597



74.6771, 61.4000, 95.4939



17.9887, 18.0618, 18.3015



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.



68.3158, 61.9018, 52.6043



64.4550, 56.3366, 44.6694



77.1574, 79.5850, 55.5515



18.1899, 18.3479, 18.7271



21.8671, 11.7454, 1.1146



2.1835, 1.2523, 0.1266

Inverse Universe

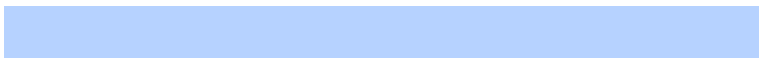
The Inverse Universe completely reimagines the original color for something new.



70.2960, 83.0738, 106.9376



66.7049, 80.4628, 106.6229



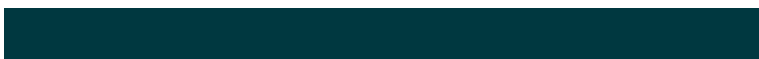
60.3844, 63.2506, 103.6337



18.3524, 20.0764, 23.1578



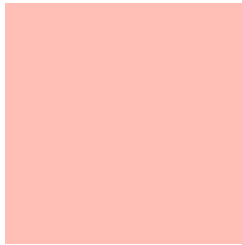
23.3710, 31.6517, 54.3122



2.3270, 3.1846, 5.3053

Previews

White Background



This preview shows how the XYZ color 68.3143, 61.8990, 52.6031 looks on a white background.

Color Contrast Check

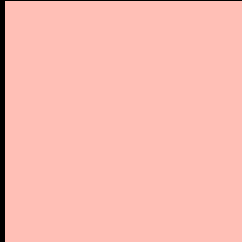
Large Text (above 18pt) WCAG AA × Fail

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 68.3143, 61.8990, 52.6031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

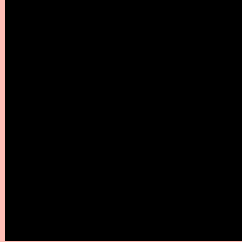
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.3143, 61.8990, 52.6031

Background



This preview shows how black text looks on a background with the XYZ color 68.3143, 61.8990, 52.6031.



This preview shows how white text looks on a background with the XYZ color 68.3143, 61.8990,

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

68.3143, 61.8990, 52.6031

Protanopia

59.0971, 62.1565, 57.5978

Deuteranopia

63.2537, 61.9750, 51.8086



Tritanopia

70.2171, 61.9670, 64.7599

Trichromacy



Original Color

68.3143, 61.8990, 52.6031

Protanomaly

62.1694, 62.0192, 55.7079

Deuteranomaly

65.0426, 61.8707, 52.2302

Tritanomaly

69.5038, 62.0270, 59.9389

Monochromacy



Original Color

68.3143, 61.8990, 52.6031

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 68.3143, 61.8990, 52.6031 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 182) }
```

Border

The CSS property to change the border of an element to XYZ 68.3143, 61.8990, 52.6031 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, 182) }
```


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

```
.border{ border-color:rgb(255, 191, 182) }
```

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, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3143, 61.8990, 52.6031 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, 182) }
```

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

```
.background{ background-color: rgb(255,  
191, 182) }
```

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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