

Converting Colors

XYZ(62.0485, 56.1146, 51.6832)

Have a look what the booklet for
XYZ(62.0485, 56.1146, 51.6832)
contains.

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Color

**XYZ(61.9949, 56.1216,
51.8210)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B7B6
RGB	242, 183, 182
RGB Percent	95%, 72%, 71%
CMY	0.0510, 0.2823, 0.2863
CMYK	0.00, 0.24, 0.25, 0.05
HSL	1°, 70%, 83%
HSV	1°, 25%, 95%
XYZ	61.9949, 56.1216, 51.8210
YIQ	200.5270, 35.4850, 12.1970

Conversions

Conversions Part 2

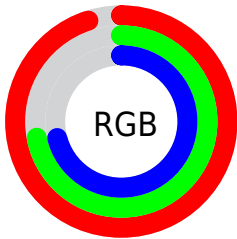
Format	Color
R _Y B	242, 183, 182
Decimal	15906742
CIE Lab	79.68, 21.19, 8.82
CIE LCh	80, 22.955, 22.594
Yxy	56.1216, 0.3648, 0.3302
Android (android.graphics.Color)	4294096822 (0xFFFF2B7B6)
YUV	200.5270, -9.1338, 36.3718
Hunter-Lab	74.9144, 16.6164, 11.4270

Details

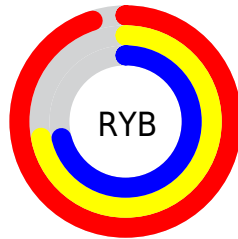
The XYZ color **61.9949, 56.1216, 51.8210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.7728, 79.2641, 95.7849**, and the grayscale version is **55.2653, 58.1434, 63.3181**.

A 20% lighter version of the original color is **87.5391, 89.1661, 93.4859**, and **31.9527, 27.8645, 24.4632** is the 20% darker color. If you saturate the color by 10%, you get **55.2070, 46.2081, 38.2674**, and if you desaturate by 10%, it is **70.0477, 67.8725, 67.9296**.

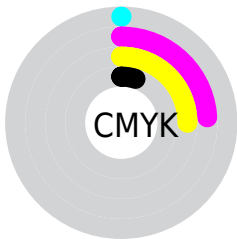
Distribution



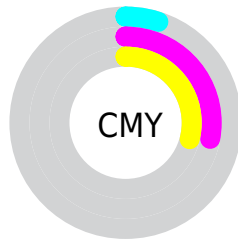
- Red (95%)
- Green (72%)
- Blue (71%)



- Red (95%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (25%)
- Black (5%)





- Cyan (5%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9949, 56.1216, 51.8210 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 61.9949, 56.1216, 51.8210 by changing the saturation by 10% instead.


 61.9949, 56.1216,
51.8210

 61.9949, 56.1216,
51.8210

421.6303,
410.1496, 410.6824

 45.2842, 40.3004,
36.4812


 106.8081, 99.1823,
94.2911

 31.8835, 27.7729,
24.5134


135.6414,
127.1907, 122.2584

 21.4277, 18.1545,
15.4992


169.2461,
160.0303, 155.2720

 13.5512, 11.0610,
9.0200

207.9877,
198.0854, 193.7504

 7.8888, 6.1079,
4.6572

252.2316,
241.7405, 238.1120

 4.0751, 2.9108,
1.9924

302.3431,

 1.7447, 1.0853,

291.3800, 288.7756

0.5506

358.6876,
347.3882, 346.1595

■ 0.4840, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9949, 56.1216,
51.8210

■ 61.9949, 56.1216,
51.8210

■ 55.2070, 46.2081,
38.2674

■ 70.0477, 67.8725,
67.9296

■ 49.6156, 38.0318,
27.1345

■ 79.4203, 81.5387,
86.7114

■ 45.1525, 31.4951,
18.2808

■ 90.1698, 97.2033,
108.2813

■ 41.7413, 26.4874,
11.5489

■ 90.4281, 97.6173,
108.6837

■ 39.2956, 22.8846,
6.7611

■ 37.7157, 20.5433,
3.7113

■ 36.8801, 19.2892,
2.1468

■ 36.6621, 18.9653,
1.7284

Harmonies

Analogous

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



62.6709, 56.1216, 64.4540



61.9949, 56.1216, 51.8210



58.9374, 56.1216, 43.0013

Triad

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



61.9949, 56.1216, 51.8210



46.5749, 56.1216, 46.8845



52.2021, 56.1216, 90.0536

Complementary

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



61.9949, 56.1216, 51.8210



66.7728, 79.2641, 95.7849

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.



48.1123, 56.1216, 83.6919



61.9949, 56.1216, 51.8210



44.9879, 56.1216, 57.8777

Square

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



61.9949, 56.1216, 51.8210



49.9925, 56.1216, 40.4522



45.5340, 56.1216, 71.4406



56.8376, 56.1216, 87.8125

Rectangle

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



61.9949, 56.1216, 51.8210



56.0508, 56.1216, 39.8552



45.5340, 56.1216, 71.4406



50.7217, 56.1216, 88.8222

Sweetspot

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



61.9964, 56.1242, 51.8221



86.9623, 88.2119, 92.6789



69.2235, 58.6846, 90.8982



18.4719, 18.6745, 19.5532



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.



61.9964, 56.1242, 51.8221



65.6033, 57.0487, 49.9370



68.8561, 69.8437, 54.1087



15.7940, 15.8012, 16.3672



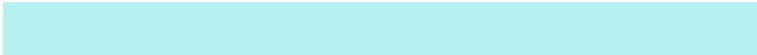
19.7048, 10.2078, 0.9317



1.6467, 0.8640, 0.0800

Inverse Universe

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



66.7728, 79.2641, 95.7849



71.8777, 87.4496, 107.6988



58.6132, 62.9450, 93.0650



16.2234, 17.8809, 20.3179



25.0374, 36.2990, 50.8147



2.0901, 3.0342, 4.2297

Previews

White Background



This preview shows how the XYZ color 61.9949, 56.1216, 51.8210 looks on a white background.

Color Contrast Check

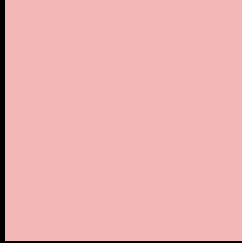
Large Text (above 18pt) WCAG AA × Fail

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 61.9949, 56.1216, 51.8210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

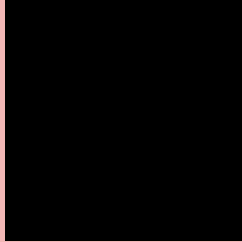
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9949, 56.1216, 51.8210

Background



This preview shows how black text looks on a background with the XYZ color 61.9949, 56.1216, 51.8210.



This preview shows how white text looks on a background with the XYZ color 61.9949, 56.1216,

51.8210.

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

61.9949, 56.1216, 51.8210

Protanopia

53.8891, 56.3467, 56.7509

Deuteranopia

57.4027, 56.2858, 51.5549



Tritanopia

63.3363, 56.0426, 59.1089

Trichromacy



Original Color

61.9949, 56.1216, 51.8210

Protanomaly

56.4345, 56.0388, 54.8559

Deuteranomaly

58.9568, 56.1256, 51.4420

Tritanomaly

62.9844, 56.2283, 56.2487

Monochromacy



Original Color

61.9949, 56.1216, 51.8210

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.3483, 57.0775, 59.0334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9949, 56.1216, 51.8210 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(242, 183, 182)` looks like.

```
.text, #text, p{  
    color:rgb(242, 183, 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(242, 183, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 183, 182) }
```

Border

The CSS property to change the border of an element to XYZ 61.9949, 56.1216, 51.8210 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(242, 183, 182) }
```


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

```
.border{ border-color:rgb(242, 183, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 183, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 183, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 183, 182);  
box-shadow:4px 4px 4px 4px rgb(242, 183,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9949, 56.1216, 51.8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 183, 182) }
```

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

```
.background{ background-color: rgb(242,  
183, 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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