

Converting Colors

XYZ(60.7882, 53.6610, 51.1469)

Have a look what the booklet for
XYZ(60.7882, 53.6610, 51.1469)
contains.

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Color

**XYZ(60.7836, 53.6989,
51.4173)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B1B6
RGB	242, 177, 182
RGB Percent	95%, 69%, 71%
CMY	0.0510, 0.3059, 0.2863
CMYK	0.00, 0.27, 0.25, 0.05
HSL	355°, 71%, 82%
HSV	355°, 27%, 95%
XYZ	60.7836, 53.6989, 51.4173
YIQ	197.0050, 37.1350, 15.3350

Conversions

Conversions Part 2

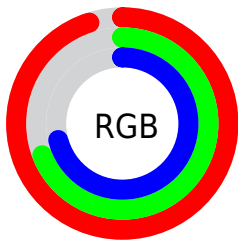
Format	Color
R _Y B	242, 177, 182
Decimal	15905206
CIE Lab	78.29, 24.37, 6.82
CIE LCh	78, 25.308, 15.627
Yxy	53.6989, 0.3664, 0.3237
Android (android.graphics.Color)	4294095286 (0xFFFF2B1B6)
YUV	197.0050, -7.3975, 39.4606
Hunter-Lab	73.2795, 19.8222, 9.6943

Details

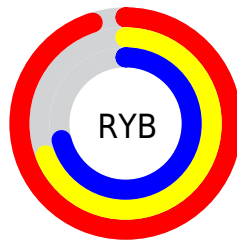
The XYZ color **60.7836, 53.6989, 51.4173** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.1719, 78.9671, 91.9319**, and the grayscale version is **53.1027, 55.8682, 60.8405**.

A 20% lighter version of the original color is **85.8115, 85.7109, 92.9100**, and **31.1777, 26.3146, 24.2049** is the 20% darker color. If you saturate the color by 10%, you get **54.2932, 44.1225, 38.7575**, and if you desaturate by 10%, it is **68.4929, 65.1228, 66.3017**.

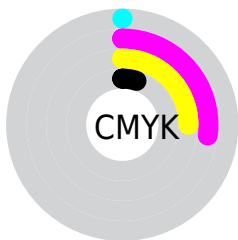
Distribution



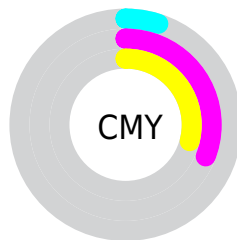
- Red (95%)
- Green (69%)
- Blue (71%)



- Red (95%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (27%)
- Yellow (25%)
- Black (5%)





- Cyan (5%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7836, 53.6989, 51.4173 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 60.7836, 53.6989, 51.4173 by changing the saturation by 10% instead.


 60.7836, 53.6989,
51.4173

 60.7836, 53.6989,
51.4173


417.2687,
400.9608, 409.0757

 44.3024, 38.3610,
36.1618


 105.0654, 95.6320,
93.6891

 31.1073, 26.2630,
24.2685


133.5968,
122.9960, 121.5425

 20.8328, 17.0205,
15.3189

166.8756,
155.1374, 154.4323

 13.1136, 10.2491,
8.8944

205.2672,
192.4408, 192.7770

 7.5843, 5.5644,
4.5765

249.1370,
235.2904, 236.9951

 3.8797, 2.5821,
1.9466

298.8502,

 1.6343, 0.9177,

284.0707, 287.5052

0.5222

354.7724,
339.1660, 344.7259

■ 0.4146, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7836, 53.6989,
51.4173

■ 60.7836, 53.6989,
51.4173

■ 54.2932, 44.1225,
38.7575

■ 68.4929, 65.1228,
66.3017

■ 48.9550, 36.2896,
28.2123

■ 77.4744, 78.4760,
83.5068

■ 44.7028, 30.0972,
19.6672

■ 87.7837, 93.8449,
103.1273

■ 41.4618, 25.4288,
12.9958

■ 90.4281, 97.6173,
108.6837

■ 39.1476, 22.1522,
8.0568

■ 37.6621, 20.1130,
4.6893

■ 36.8829, 19.1153,
2.7009

■ 36.7323, 18.9230,
2.3148

Harmonies

Analogous

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



60.8443, 53.6989, 65.5133



60.7836, 53.6989, 51.4173



58.0020, 53.6989, 41.0410

Triad

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



60.7836, 53.6989, 51.4173



44.5224, 53.6989, 41.3754



48.7086, 53.6989, 89.1121

Complementary

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



60.7836, 53.6989, 51.4173



65.1719, 78.9671, 91.9319

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.



44.6572, 53.6989, 80.2413



60.7836, 53.6989, 51.4173



42.3485, 53.6989, 51.9486

Square

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



60.7836, 53.6989, 51.4173



48.5136, 53.6989, 35.9163



42.3962, 53.6989, 66.1376



53.6510, 53.6989, 88.9075

Rectangle

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



60.7836, 53.6989, 51.4173



55.0762, 53.6989, 36.9555



42.3962, 53.6989, 66.1376



47.2045, 53.6989, 87.0372

Sweetspot

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



60.7851, 53.7014, 51.4184



85.9987, 86.5138, 91.6511



66.5368, 55.7905, 91.2666



18.0660, 18.0097, 18.9648



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.



60.7851, 53.7014, 51.4184



64.4652, 54.5827, 50.1427



66.1681, 65.2790, 50.7107



15.8221, 15.7785, 16.6194



19.7515, 10.1730, 1.3420



1.6601, 0.8531, 0.2010

Inverse Universe

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



60.7851, 53.7014, 51.4184



64.4652, 54.5827, 50.1427



58.4398, 64.3185, 93.3394



15.8221, 15.7785, 16.6194



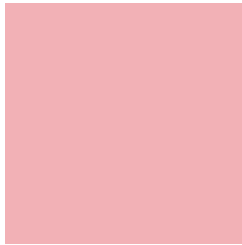
19.7515, 10.1730, 1.3420



1.6601, 0.8531, 0.2010

Previews

White Background



This preview shows how the XYZ color 60.7836, 53.6989, 51.4173 looks on a white background.

Color Contrast Check

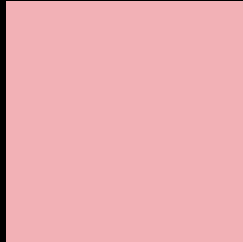
Large Text (above 18pt) WCAG AA × Fail

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 60.7836, 53.6989, 51.4173 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 60.7836, 53.6989, 51.4173

Background



This preview shows how black text looks on a background with the XYZ color 60.7836, 53.6989, 51.4173.



This preview shows how white text looks on a background with the XYZ color 60.7836, 53.6989,

51.4173.

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

60.7836, 53.6989, 51.4173

Protanopia

51.7626, 53.9073, 56.9672

Deuteranopia

54.9220, 53.7414, 50.6584



Tritanopia

61.6728, 53.7795, 55.2741

Trichromacy



Original Color

60.7836, 53.6989, 51.4173

Protanomaly

54.5790, 53.4676, 55.0206

Deuteranomaly

56.9525, 53.5341, 51.0474

Tritanomaly

61.3504, 53.6505, 53.5764

Monochromacy



Original Color

60.7836, 53.6989, 51.4173

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.3685, 54.7788, 57.5243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7836, 53.6989, 51.4173 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, 177, 182)` looks like.

```
.text, #text, p{  
    color:rgb(242, 177, 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, 177, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 177, 182) }
```

Border

The CSS property to change the border of an element to XYZ 60.7836, 53.6989, 51.4173 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, 177, 182) }
```


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

```
.border{ border-color:rgb(242, 177, 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, 177, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 177, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 177, 182);  
box-shadow:4px 4px 4px 4px rgb(242, 177,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7836, 53.6989, 51.4173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 177, 182) }
```

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

```
.background{ background-color: rgb(242,  
177, 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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