

Converting Colors

XYZ(60.2880, 53.8108, 47.7871)

Have a look what the booklet for
XYZ(60.2880, 53.8108, 47.7871)
contains.

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Color

**XYZ(60.2762, 53.8132,
47.7675)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B2AF
RGB	242, 178, 175
RGB Percent	95%, 70%, 69%
CMY	0.0510, 0.3019, 0.3137
CMYK	0.00, 0.26, 0.28, 0.05
HSL	3°, 72%, 82%
HSV	3°, 28%, 95%
XYZ	60.2762, 53.8132, 47.7675
YIQ	196.7940, 39.1070, 12.6350

Conversions

Conversions Part 2

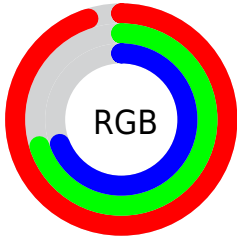
Format	Color
RYB	242, 178, 175
Decimal	15905455
CIELab	78.35, 22.88, 10.71
CIELCh	78, 25.264, 25.078
Yxy	53.8132, 0.3724, 0.3325
Android (android.graphics.Color)	4294095535 (0xFFFF2B2AF)
YUV	196.7940, -10.7444, 39.6457
Hunter-Lab	73.3575, 18.2939, 12.7429

Details

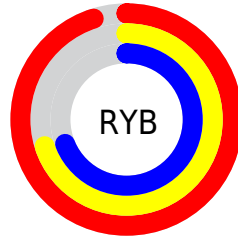
The XYZ color **60.2762, 53.8132, 47.7675** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.5717, 77.2552, 95.5131**, and the grayscale version is **52.9941, 55.7540, 60.7161**.

A 20% lighter version of the original color is **84.9457, 85.8188, 86.9505**, and **30.9164, 26.4116, 22.2074** is the 20% darker color. If you saturate the color by 10%, you get **53.8911, 44.5118, 34.9449**, and if you desaturate by 10%, it is **67.8651, 64.8398, 63.0939**.

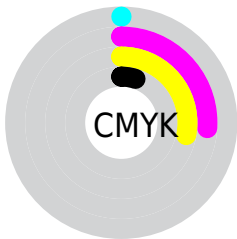
Distribution



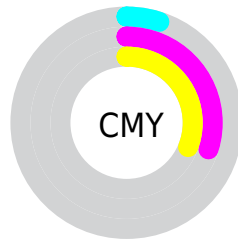
- Red (95%)
- Green (70%)
- Blue (69%)



- Red (95%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (28%)
- Black (5%)





- Cyan (5%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2762, 53.8132, 47.7675 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 60.2762, 53.8132, 47.7675 by changing the saturation by 10% instead.


 60.2762, 53.8132,
47.7675

 60.2762, 53.8132,
47.7675


415.4335,
401.3973, 394.3519

 43.8916, 38.4523,
33.2841


 104.3343, 95.7999,
88.2201

 30.7829, 26.3339,
22.0713


132.7385,
123.1946, 115.0264

 20.5846, 17.0736,
13.7105


165.8800,
155.3693, 146.7773

 12.9314, 10.2870,
7.7831

204.1240,
192.7084, 183.8916

 7.4580, 5.5897,
3.8707

247.8361,
235.5964, 226.7876

 3.7990, 2.5972,
1.5547

297.3814,

 1.5891, 0.9253,

284.4176, 275.8840

0.2582

353.1255,
339.5564, 331.5992

■ 0.3853, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2762, 53.8132,
47.7675

■ 60.2762, 53.8132,
47.7675

■ 53.8911, 44.5118,
34.9449

■ 67.8651, 64.8398,
63.0939

■ 48.6439, 36.8413,
24.4899

■ 76.7105, 77.6647,
81.0438

■ 44.4689, 30.7099,
16.2588

■ 86.8675, 92.3658,
101.7330

■ 41.2922, 26.0138,
10.0904

■ 90.4280, 97.6173,
108.6837

■ 39.0302, 22.6362,
5.8023

■ 37.5859, 20.4420,
3.1797

■ 36.8370, 19.2662,
1.9381

■ 36.7360, 19.1133,
1.7530

Harmonies

Analogous

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



61.2447, 53.8132, 60.9669



60.2762, 53.8132, 47.7675



56.8009, 53.8132, 38.9392

Triad

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



60.2762, 53.8132, 47.7675



43.7235, 53.8132, 44.3140



50.3344, 53.8132, 90.2174

Complementary

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



60.2762, 53.8132, 47.7675



64.5717, 77.2552, 95.5131

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.



45.8829, 53.8132, 83.9482



60.2762, 53.8132, 47.7675



42.2266, 53.8132, 56.2823

Square

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



60.2762, 53.8132, 47.7675



47.2131, 53.8132, 37.1826



42.9910, 53.8132, 70.9427



55.2954, 53.8132, 86.9602

Rectangle

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



60.2762, 53.8132, 47.7675



53.6418, 53.8132, 35.9753



42.9910, 53.8132, 70.9427



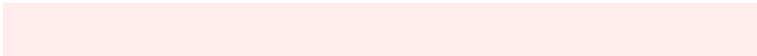
48.7324, 53.8132, 89.1285

Sweetspot

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



60.2776, 53.8157, 47.7686



86.0336, 86.9470, 90.5426



67.6418, 55.8152, 89.4650



18.0747, 18.1176, 18.6887



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.



60.2776, 53.8157, 47.7686



63.8333, 54.7084, 45.6485



67.5843, 68.4290, 50.2041



15.8296, 15.8724, 16.3791



19.7608, 10.3198, 0.9504



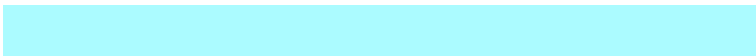
1.6638, 0.8983, 0.0857

Inverse Universe

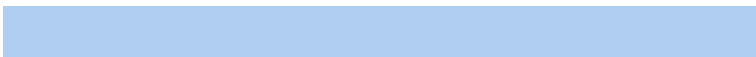
The Inverse Universe completely reimagines the original color for something new.



64.5717, 77.2552, 95.5131



69.3797, 84.9967, 107.3570



55.8423, 59.7964, 92.6033



16.1831, 17.8003, 20.3045



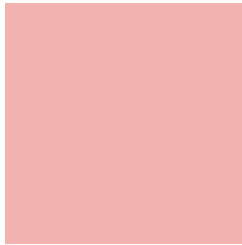
24.0111, 34.2464, 50.4726



2.0161, 2.8863, 4.2051

Previews

White Background



This preview shows how the XYZ color 60.2762, 53.8132, 47.7675 looks on a white background.

Color Contrast Check

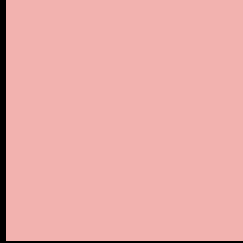
Large Text (above 18pt) WCAG AA × Fail

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 60.2762, 53.8132, 47.7675 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 60.2762, 53.8132, 47.7675

Background



This preview shows how black text looks on a background with the XYZ color 60.2762, 53.8132, 47.7675.



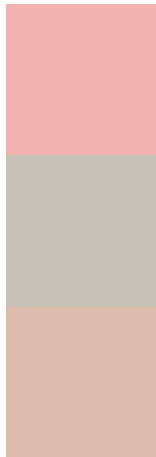
This preview shows how white text looks on a background with the XYZ color 60.2762, 53.8132,

47.7675.

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

60.2762, 53.8132, 47.7675

Protanopia

51.4366, 53.8382, 52.4806

Deuteranopia

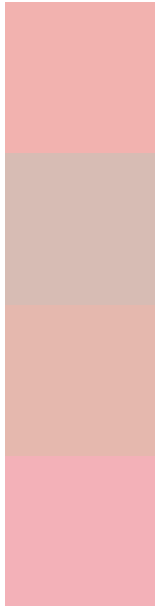
55.1319, 53.9299, 47.0389



Tritanopia

62.0189, 53.9579, 55.2903

Trichromacy



Original Color

60.2762, 53.8132, 47.7675

Protanomaly

54.2458, 53.7088, 50.6878

Deuteranomaly

57.0936, 53.9950, 47.4573

Tritanomaly

61.3360, 53.9597, 52.5299

Monochromacy



Original Color

60.2762, 53.8132, 47.7675

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.0393, 54.6472, 55.7912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2762, 53.8132, 47.7675 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, 178, 175) looks like.

```
.text, #text, p{  
    color:rgb(242, 178, 175)  
}
```

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, 178, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 178, 175) }
```

Border

The CSS property to change the border of an element to XYZ 60.2762, 53.8132, 47.7675 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, 178, 175) }
```


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

```
.border{ border-color:rgb(242, 178, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 178, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 178, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 178, 175);  
box-shadow:4px 4px 4px 4px rgb(242, 178,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2762, 53.8132, 47.7675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 178, 175) }
```

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

```
.background{ background-color: rgb(242,  
178, 175) }
```

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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