

# Converting Colors

XYZ(63.1005, 55.1908, 52.8151)

Have a look what the booklet for  
XYZ(63.1005, 55.1908, 52.8151)  
contains.

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# Color

**XYZ(62.9299, 55.0756,  
52.6613)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7B2B8
RGB	247, 178, 184
RGB Percent	97%, 70%, 72%
CMY	0.0314, 0.3019, 0.2784
CMYK	0.00, 0.28, 0.26, 0.03
HSL	355°, 81%, 83%
HSV	355°, 28%, 97%
XYZ	62.9299, 55.0756, 52.6613
YIQ	199.3150, 39.1980, 16.4940

# Conversions

## Conversions Part 2

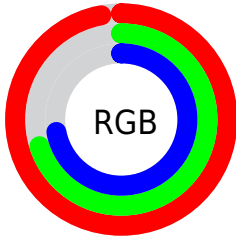
Format	Color
R <sub>Y</sub> B	247, 178, 184
Decimal	16233144
CIE Lab	79.08, 25.94, 6.95
CIE LCh	79, 26.855, 14.996
Yxy	55.0756, 0.3687, 0.3227
Android (android.graphics.Color)	4294423224 (0xFFF7B2B8)
YUV	199.3150, -7.5503, 41.8197
Hunter-Lab	74.2129, 21.4889, 9.8770

# Details

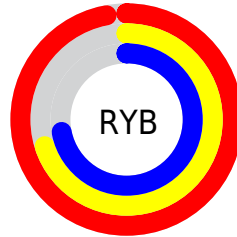
The XYZ color **62.9299, 55.0756, 52.6613** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.5004, 82.3387, 95.5585**, and the grayscale version is **54.5082, 57.3469, 62.4507**.

A 20% lighter version of the original color is **86.3910, 86.3969, 94.5611**, and **32.4166, 27.1247, 24.9998** is the 20% darker color. If you saturate the color by 10%, you get **56.2719, 45.2460, 39.6930**, and if you desaturate by 10%, it is **70.8527, 66.8307, 67.9119**.

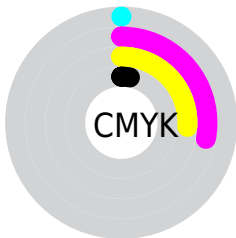
# Distribution



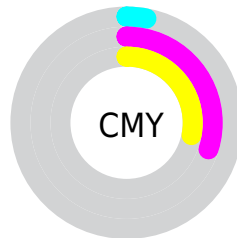
- Red (97%)
- Green (70%)
- Blue (72%)



- Red (97%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (3%)




- Cyan (3%)
- Magenta (30%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9299, 55.0756, 52.6613 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 62.9299, 55.0756, 52.6613 by changing the saturation by 10% instead.





 62.9299, 55.0756,  
52.6613

 62.9299, 55.0756,  
52.6613


424.9787,  
406.1984, 414.0137

 46.0429, 39.4623,  
37.1466


 108.1508, 97.6517,  
95.5423

 32.4845, 27.1195,  
25.0243


137.2153,  
125.3833, 123.7456

 21.8891, 17.6630,  
15.8760


171.0699,  
157.9230, 157.0156

 13.8916, 10.7083,  
9.2830

210.0797,  
195.6553, 195.7707

 8.1265, 5.8711,  
4.8269

254.6101,  
238.9647, 240.4296

 4.2285, 2.7668,  
2.0891

305.0265,

 1.8322, 1.0112,

288.2354, 291.4106

0.6093

361.6943,  
343.8518, 349.1325

■ 0.5370, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.9299, 55.0756,  
52.6613

■ 62.9299, 55.0756,  
52.6613

■ 56.2719, 45.2460,  
39.6930

■ 70.8527, 66.8307,  
67.9119

■ 50.8088, 37.2321,  
28.8940

■ 80.0963, 80.5981,  
85.5438

■ 46.4710, 30.9248,  
20.1467

■ 90.7189, 96.4687,  
105.6542

■ 43.1796, 26.2003,  
13.3208

■ 92.1679, 98.5142,  
108.7651

■ 40.8456, 22.9178,  
8.2712

■ 39.3649, 20.9120,  
4.8320

■ 38.6012, 19.9602,  
2.8028

■ 38.4976, 19.8301,  
2.5307

# Harmonies

## Analogous

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



62.9294, 55.0756, 67.9258



62.9299, 55.0756, 52.6613



59.9669, 55.0756, 41.4511

# Triad

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



62.9299, 55.0756, 52.6613



45.4039, 55.0756, 41.4486



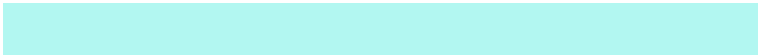
49.7286, 55.0756, 93.1752

# Complementary

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



62.9299, 55.0756, 52.6613



67.5004, 82.3387, 95.5585

# 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.



45.4028, 55.0756, 83.3117



62.9299, 55.0756, 52.6613



43.0241, 55.0756, 52.6573

# Square

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



62.9299, 55.0756, 52.6613



49.7301, 55.0756, 35.7680



43.0238, 55.0756, 67.9210



55.0556, 55.0756, 93.1768



# Rectangle

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



62.9299, 55.0756, 52.6613



56.8188, 55.0756, 37.0285



43.0238, 55.0756, 67.9210



48.1175, 55.0756, 90.8376

# Sweetspot

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



62.9314, 55.0782, 52.6624



86.0285, 86.5257, 91.8080



68.6797, 57.1016, 95.3980



18.0734, 18.0127, 19.0039



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.



62.9314, 55.0782, 52.6624



63.1181, 52.5042, 47.7958



68.3705, 66.9409, 51.4400



16.5576, 16.5059, 17.4168



20.3810, 10.4958, 1.4488



1.8109, 0.9303, 0.2305



# Inverse Universe

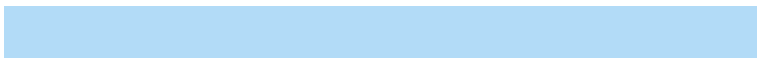
The Inverse Universe completely reimagines the original color for something new.



62.9314, 55.0782, 52.6624



63.1181, 52.5042, 47.7958



60.5868, 67.0545, 97.7456



16.5576, 16.5059, 17.4168



20.3810, 10.4958, 1.4488



1.8109, 0.9303, 0.2305



# Previews

## White Background



This preview shows how the XYZ color 62.9299, 55.0756, 52.6613 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

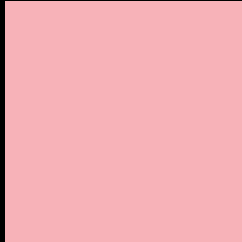
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.9299, 55.0756, 52.6613 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 62.9299, 55.0756, 52.6613**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.9299, 55.0756, 52.6613.



This preview shows how white text looks on a background with the XYZ color 62.9299, 55.0756,



# 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

62.9299, 55.0756, 52.6613

### Protanopia

53.0721, 55.2046, 58.8973

### Deuteranopia

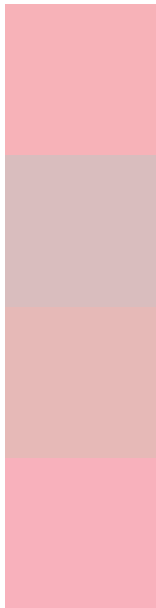
56.1563, 54.9882, 51.9100



## Tritanopia

63.8375, 55.1623, 56.5730

# Trichromacy



**Original Color**

62.9299, 55.0756, 52.6613

**Protanomaly**

56.1071, 54.8646, 56.3480

**Deuteranomaly**

58.5293, 54.9398, 52.3194

**Tritanomaly**

63.5106, 55.0316, 54.8517

# Monochromacy



**Original Color**

62.9299, 55.0756, 52.6613

**Achromatopsia**

54.2854, 57.1125, 62.1955

**Achromatomaly**

56.6873, 55.7556, 58.8131

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.9299, 55.0756, 52.6613 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(247, 178, 184)` looks like.

```
.text, #text, p{  
    color:rgb(247, 178, 184)  
}
```

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(247, 178, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 178, 184) }
```

## Border

The CSS property to change the border of an element to XYZ 62.9299, 55.0756, 52.6613 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(247, 178, 184) }
```



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

```
.border{ border-color:rgb(247, 178, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 178, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 178, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 178, 184);  
box-shadow:4px 4px 4px 4px rgb(247, 178,  
184) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.9299, 55.0756, 52.6613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 178, 184) }
```

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

```
.background{ background-color: rgb(247,  
178, 184) }
```

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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