

Converting Colors

XYZ(61.7631, 55.1242, 50.0326)

Have a look what the booklet for
XYZ(61.7631, 55.1242, 50.0326)
contains.

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Color

**XYZ(61.7662, 55.1303,
50.0336)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B4B3
RGB	244, 180, 179
RGB Percent	96%, 71%, 70%
CMY	0.0431, 0.2941, 0.2980
CMYK	0.00, 0.26, 0.27, 0.04
HSL	1°, 75%, 83%
HSV	1°, 27%, 96%
XYZ	61.7662, 55.1303, 50.0336
YIQ	199.0220, 38.4650, 13.2570

Conversions

Conversions Part 2

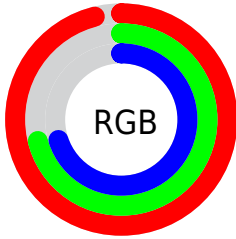
Format	Color
R_YB	244, 180, 179
Decimal	16037043
CIE _{Lab}	79.12, 23.10, 9.66
CIE _{LCh}	79, 25.040, 22.689
Yxy	55.1303, 0.3700, 0.3303
Android (android.graphics.Color)	4294227123 (0xFFFF4B4B3)
YUV	199.0220, -9.8708, 39.4457
Hunter-Lab	74.2498, 18.5518, 12.0220

Details

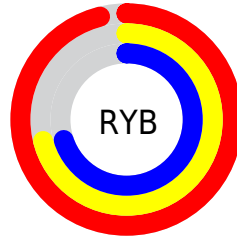
The XYZ color **61.7662, 55.1303, 50.0336** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.9692, 80.2141, 97.5415**, and the grayscale version is **54.3428, 57.1729, 62.2613**.

A 20% lighter version of the original color is **86.2308, 87.2491, 90.8932**, and **31.8488, 27.2499, 23.3198** is the 20% darker color. If you saturate the color by 10%, you get **55.0770, 45.3577, 36.6871**, and if you desaturate by 10%, it is **69.7355, 66.7636, 65.9622**.

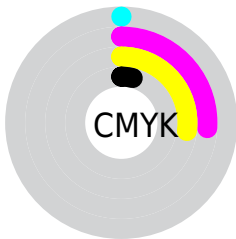
Distribution



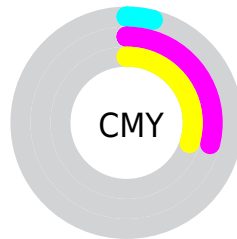
- Red (96%)
- Green (71%)
- Blue (70%)



- Red (96%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (26%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7662, 55.1303, 50.0336 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 61.7662, 55.1303, 50.0336 by changing the saturation by 10% instead.


 61.7662, 55.1303,
50.0336

 61.7662, 55.1303,
50.0336


420.8089,
406.4057, 403.5362

 45.0987, 39.5061,
35.0687


 106.4794, 97.7318,
91.6215

 31.7368, 27.1536,
23.4318


135.2558,
125.4779, 119.0816

 21.3151, 17.6886,
14.7044


168.7992,
158.0334, 151.5438

 13.4683, 10.7267,
8.4679

207.4750,
195.7827, 189.4267

 7.8310, 5.8834,
4.3037

251.6485,
239.1102, 233.1489

 4.0379, 2.7743,
1.7934

301.6851,

 1.7236, 1.0151,

288.4002, 283.1288

0.4236

357.9501,
344.0372, 339.7851

■ 0.4710, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7662, 55.1303,
50.0336

■ 61.7662, 55.1303,
50.0336

■ 55.0770, 45.3577,
36.6871

■ 69.7355, 66.7636,
65.9622

■ 49.5971, 37.3421,
25.7837

■ 79.0421, 80.3389,
84.5953

■ 45.2555, 30.9816,
17.1763

■ 89.7449, 95.9419,
106.0515

■ 41.9724, 26.1607,
10.7010

■ 91.1184, 97.9732,
108.7160

■ 39.6571, 22.7490,
6.1719

■ 38.2043, 20.5946,
3.3713

■ 37.4829, 19.5104,
2.0258

■ 37.3493, 19.3151,
1.7597

Harmonies

Analogous

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



62.5112, 55.1303, 63.5949



61.7662, 55.1303, 50.0336



58.4373, 55.1303, 40.7062

Triad

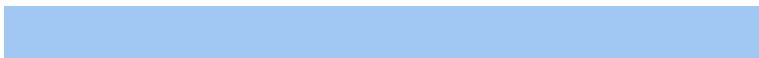
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.7662, 55.1303, 50.0336



45.1284, 55.1303, 44.8557



51.1874, 55.1303, 91.6395

Complementary

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



61.7662, 55.1303, 50.0336



66.9692, 80.2141, 97.5415

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.



46.7929, 55.1303, 84.6606



61.7662, 55.1303, 50.0336



43.4420, 55.1303, 56.5961

Square

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



61.7662, 55.1303, 50.0336



48.7828, 55.1303, 38.0648



44.0315, 55.1303, 71.2708



56.1911, 55.1303, 89.1377

Rectangle

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



61.7662, 55.1303, 50.0336



55.3087, 55.1303, 37.4172



44.0315, 55.1303, 71.2708



49.5945, 55.1303, 90.2913

Sweetspot

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



61.7677, 55.1329, 50.0347



85.8618, 86.6033, 90.4853



69.7579, 58.0056, 93.1079



18.0319, 18.0320, 18.6745



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.



61.7677, 55.1329, 50.0347



64.0858, 54.8209, 46.9422



68.8641, 69.3257, 52.4002



16.5197, 16.5235, 17.1162



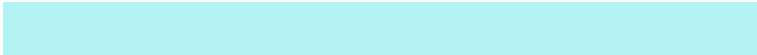
20.3174, 10.5204, 0.9598



1.7928, 0.9388, 0.0867

Inverse Universe

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



66.9692, 80.2141, 97.5415



70.7311, 86.8677, 107.6470



58.3388, 62.9533, 94.6647



16.9735, 18.7112, 21.2596



25.8686, 37.5310, 52.4188



2.2805, 3.3124, 4.6094

Previews

White Background



This preview shows how the XYZ color 61.7662, 55.1303, 50.0336 looks on a white background.

Color Contrast Check

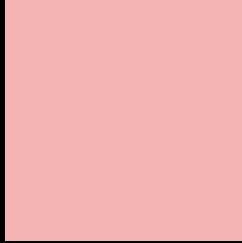
Large Text (above 18pt) WCAG AA × Fail

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 61.7662, 55.1303, 50.0336 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 61.7662, 55.1303, 50.0336

Background



This preview shows how black text looks on a background with the XYZ color 61.7662, 55.1303, 50.0336.



This preview shows how white text looks on a background with the XYZ color 61.7662, 55.1303,

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

61.7662, 55.1303, 50.0336

Protanopia

52.8419, 55.1746, 54.8784

Deuteranopia

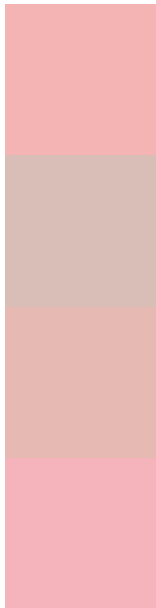
56.2576, 55.0991, 49.2651



Tritanopia

63.0910, 55.0590, 57.1714

Trichromacy



Original Color

61.7662, 55.1303, 50.0336

Protanomaly

55.6805, 55.0393, 53.0364

Deuteranomaly

58.2279, 55.1552, 49.6965

Tritanomaly

62.7459, 55.2405, 54.3691

Monochromacy



Original Color

61.7662, 55.1303, 50.0336

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.3884, 55.9521, 57.6970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7662, 55.1303, 50.0336 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(244, 180, 179)` looks like.

```
.text, #text, p{  
    color:rgb(244, 180, 179)  
}
```

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(244, 180, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 180, 179) }
```

Border

The CSS property to change the border of an element to XYZ 61.7662, 55.1303, 50.0336 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(244, 180, 179) }
```


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

```
.border{ border-color:rgb(244, 180, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 180, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 180, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 180, 179);  
box-shadow:4px 4px 4px 4px rgb(244, 180,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7662, 55.1303, 50.0336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 180, 179) }
```

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

```
.background{ background-color: rgb(244,  
180, 179) }
```

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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