

Converting Colors

XYZ(62.1832, 55.1984, 49.6628)

Have a look what the booklet for
XYZ(62.1832, 55.1984, 49.6628)
contains.

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Color

**XYZ(62.1620, 55.0474,
49.4684)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B3B2
RGB	246, 179, 178
RGB Percent	96%, 70%, 70%
CMY	0.0353, 0.2980, 0.3020
CMYK	0.00, 0.27, 0.28, 0.04
HSL	1°, 79%, 83%
HSV	1°, 28%, 96%
XYZ	62.1620, 55.0474, 49.4684
YIQ	198.9190, 40.2530, 13.8930

Conversions

Conversions Part 2

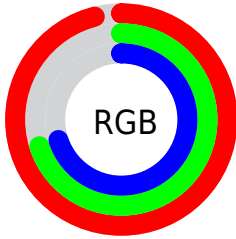
Format	Color
R _Y B	246, 179, 178
Decimal	16167858
CIE Lab	79.07, 24.23, 10.16
CIE LCh	79, 26.275, 22.748
Yxy	55.0474, 0.3729, 0.3303
Android (android.graphics.Color)	4294357938 (0xFFFF6B3B2)
YUV	198.9190, -10.3131, 41.2900
Hunter-Lab	74.1939, 19.7135, 12.4045

Details

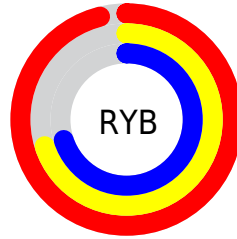
The XYZ color **62.1620, 55.0474, 49.4684** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.6460, 81.4209, 99.3394**, and the grayscale version is **54.2817, 57.1086, 62.1912**.

A 20% lighter version of the original color is **85.7996, 86.6172, 90.0386**, and **31.9016, 27.0937, 22.9503** is the 20% darker color. If you saturate the color by 10%, you get **55.4722, 45.2722, 36.1258**, and if you desaturate by 10%, it is **70.1514, 66.7123, 65.4305**.

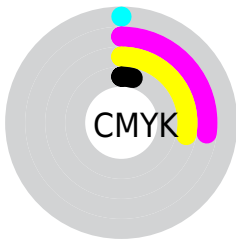
Distribution



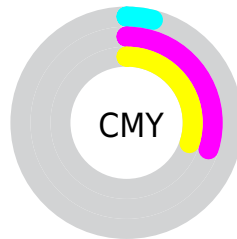
- Red (96%)
- Green (70%)
- Blue (70%)



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



- Cyan (0%)
- Magenta (27%)
- Yellow (28%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1620, 55.0474, 49.4684 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 62.1620, 55.0474, 49.4684 by changing the saturation by 10% instead.

 62.1620, 55.0474,
49.4684

 62.1620, 55.0474,
49.4684


422.2299,
406.0916, 401.2588

 45.4197, 39.4397,
34.6230


 107.0482, 97.6104,
90.7749

 31.9908, 27.1019,
23.0914


135.9229,
125.3345, 118.0731

 21.5100, 17.6498,
14.4550


169.5724,
157.8661, 150.3592

 13.6119, 10.6989,
8.2955

208.3621,
195.5897, 188.0519

 7.9311, 5.8647,
4.1941

252.6574,
238.8896, 231.5697

 4.1023, 2.7630,
1.7324

302.8235,

 1.7602, 1.0093,

288.1503, 281.3310

0.3828

359.2259,
343.7562, 337.7545

■ 0.4935, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1620, 55.0474,
49.4684

■ 62.1620, 55.0474,
49.4684

■ 55.4722, 45.2722,
36.1258

■ 70.1514, 66.7123,
65.4305

■ 50.0091, 37.2801,
25.2597

■ 79.4994, 80.3507,
84.1380

■ 45.6997, 30.9658,
16.7187

■ 90.2665, 96.0509,
105.7126

■ 42.4612, 26.2099,
10.3335

■ 91.8161, 98.3329,
108.7487

■ 40.1999, 22.8771,
5.9115

■ 38.8059, 20.8093,
3.2266

■ 38.1394, 19.8086,
1.9799

■ 38.0456, 19.6718,
1.7918

Harmonies

Analogous

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



62.9532, 55.0474, 63.6499



62.1620, 55.0474, 49.4684



58.6526, 55.0474, 39.7972

Triad

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



62.1620, 55.0474, 49.4684



44.7118, 55.0474, 44.1280



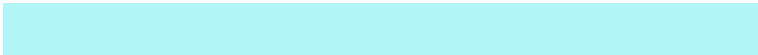
51.0607, 55.0474, 93.3178

Complementary

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



62.1620, 55.0474, 49.4684



67.6460, 81.4209, 99.3394

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.



46.4622, 55.0474, 85.9321



62.1620, 55.0474, 49.4684



42.9587, 55.0474, 56.3719

Square

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



62.1620, 55.0474, 49.4684



48.5249, 55.0474, 37.0917



43.5775, 55.0474, 71.7878



56.3098, 55.0474, 90.6418

Rectangle

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



62.1620, 55.0474, 49.4684



55.3628, 55.0474, 36.4095



43.5775, 55.0474, 71.7878



49.3925, 55.0474, 91.8929

Sweetspot

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



62.1635, 55.0500, 49.4695



85.8578, 86.5953, 90.4840



70.5614, 58.0880, 94.6821



18.0309, 18.0300, 18.6741



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.



62.1635, 55.0500, 49.4695



63.3467, 53.7353, 45.4864



69.5858, 69.8946, 51.9436



16.5188, 16.5217, 17.1159



20.3160, 10.5176, 0.9593



1.7924, 0.9380, 0.0866

Inverse Universe

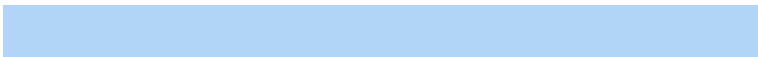
The Inverse Universe completely reimagines the original color for something new.



67.6460, 81.4209, 99.3394



70.1765, 86.5902, 107.6226



58.5387, 63.2063, 96.3037



16.9745, 18.7133, 21.2599



25.8948, 37.5833, 52.4275



2.2825, 3.3164, 4.6101

Previews

White Background



This preview shows how the XYZ color 62.1620, 55.0474, 49.4684 looks on a white background.

Color Contrast Check

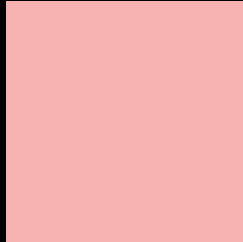
Large Text (above 18pt) WCAG AA × Fail

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 62.1620, 55.0474, 49.4684 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 62.1620, 55.0474, 49.4684

Background



This preview shows how black text looks on a background with the XYZ color 62.1620, 55.0474, 49.4684.



This preview shows how white text looks on a background with the XYZ color 62.1620, 55.0474,

49.4684.

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

62.1620, 55.0474, 49.4684

Protanopia

52.8419, 55.1746, 54.8784

Deuteranopia

56.1583, 55.0594, 48.7420



Tritanopia

63.4839, 54.9800, 56.5565

Trichromacy



Original Color

62.1620, 55.0474, 49.4684

Protanomaly

55.7628, 54.7613, 52.9784

Deuteranomaly

58.2398, 54.8612, 49.1147

Tritanomaly

63.1411, 55.1601, 53.7734

Monochromacy



Original Color

62.1620, 55.0474, 49.4684

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.5725, 56.0598, 57.1291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1620, 55.0474, 49.4684 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(246, 179, 178)` looks like.

```
.text, #text, p{  
    color:rgb(246, 179, 178)  
}
```

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(246, 179, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 179, 178) }
```

Border

The CSS property to change the border of an element to XYZ 62.1620, 55.0474, 49.4684 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(246, 179, 178) }
```


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

```
.border{ border-color:rgb(246, 179, 178) }
```

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

Here you see how a box with a 4 pixel rgb(246, 179, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 179, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 179, 178);  
box-shadow:4px 4px 4px 4px rgb(246, 179,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1620, 55.0474, 49.4684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 179, 178) }
```

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

```
.background{ background-color: rgb(246,  
179, 178) }
```

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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