

Converting Colors

XYZ(62.4934, 55.9793, 49.6299)

Have a look what the booklet for
XYZ(62.4934, 55.9793, 49.6299)
contains.

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Color

**XYZ(62.4200, 56.0827,
49.6546)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B6B2
RGB	245, 182, 178
RGB Percent	96%, 71%, 70%
CMY	0.0392, 0.2863, 0.3020
CMYK	0.00, 0.26, 0.27, 0.04
HSL	4°, 77%, 83%
HSV	4°, 27%, 96%
XYZ	62.4200, 56.0827, 49.6546
YIQ	200.3810, 38.8320, 12.1120

Conversions

Conversions Part 2

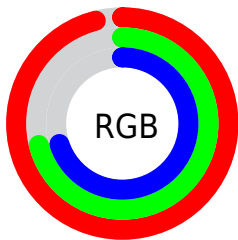
Format	Color
R _Y B	245, 182, 178
Decimal	16103090
CIE Lab	79.66, 22.28, 10.99
CIE LCh	80, 24.840, 26.255
Yxy	56.0827, 0.3712, 0.3335
Android (android.graphics.Color)	4294293170 (0xFFFF5B6B2)
YUV	200.3810, -11.0338, 39.1309
Hunter-Lab	74.8884, 17.7263, 13.1097

Details

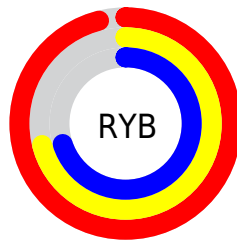
The XYZ color **62.4200, 56.0827, 49.6546** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.2959, 78.9657, 98.1342**, and the grayscale version is **55.1850, 58.0589, 63.2261**.

A 20% lighter version of the original color is **86.6658, 88.3496, 90.3273**, and **32.0454, 27.7460, 23.0686** is the 20% darker color. If you saturate the color by 10%, you get **55.8406, 46.5152, 36.3897**, and if you desaturate by 10%, it is **70.2177, 67.3832, 65.4942**.

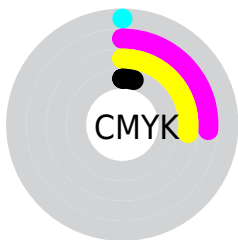
Distribution



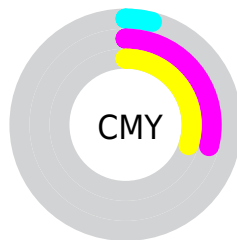
- Red (96%)
- Green (71%)
- Blue (70%)



- 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 62.4200, 56.0827, 49.6546 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 62.4200, 56.0827, 49.6546 by changing the saturation by 10% instead.


 62.4200, 56.0827,
49.6546

 62.4200, 56.0827,
49.6546


423.1547,
410.0031, 402.0100

 45.6290, 40.2692,
34.7698


 107.4188, 99.1255,
91.0539

 32.1566, 27.7485,
23.2035


136.3574,
127.1236, 118.4055

 21.6372, 18.1362,
14.5371


170.0759,
159.9520, 150.7498

 13.7057, 11.0478,
8.3522

208.9397,
197.9952, 188.5052

 7.9966, 6.0990,
4.2301

253.3141,
241.6375, 232.0905

 4.1446, 2.9054,
1.7524

303.5645,

 1.7842, 1.0825,

291.2633, 281.9240

0.3963

360.0562,
347.2570, 338.4243

■ 0.5081, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4200, 56.0827,
49.6546

■ 62.4200, 56.0827,
49.6546

■ 55.8406, 46.5152,
36.3897

■ 70.2177, 67.3832,
65.4942

■ 50.4138, 38.5875,
25.5603

■ 79.2863, 80.4880,
84.0309

■ 46.0744, 32.2100,
17.0193

■ 89.6805, 95.4741,
105.3834

■ 42.7490, 27.2811,
10.6023

■ 91.4663, 98.1525,
108.7323

■ 40.3549, 23.6871,
6.1229

■ 38.7966, 21.2974,
3.3624

■ 37.9556, 19.9542,
2.0378

■ 37.8221, 19.7442,
1.8176

Harmonies

Analogous

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



63.5076, 56.0827, 62.8844



62.4200, 56.0827, 49.6546



58.8375, 56.0827, 40.8758

Triad

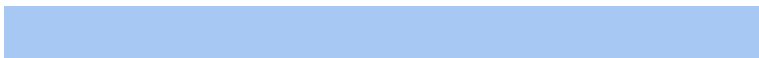
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.4200, 56.0827, 49.6546



45.6889, 56.0827, 46.9846



52.6781, 56.0827, 92.9408

Complementary

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



62.4200, 56.0827, 49.6546



66.2959, 78.9657, 98.1342

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.



48.1305, 56.0827, 86.9994



62.4200, 56.0827, 49.6546



44.2581, 56.0827, 59.2801

Square

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



62.4200, 56.0827, 49.6546



49.1558, 56.0827, 39.5123



45.1234, 56.0827, 74.1007



57.6811, 56.0827, 89.3011

Rectangle

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



62.4200, 56.0827, 49.6546



55.6268, 56.0827, 37.9939



45.1234, 56.0827, 74.1007



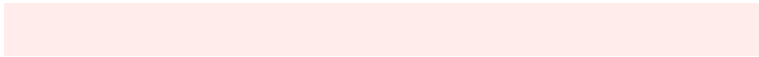
51.0485, 56.0827, 91.9766

Sweetspot

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



62.4215, 56.0853, 49.6557



86.1211, 87.1220, 90.5718



69.5515, 57.6437, 91.1899



18.0965, 18.1612, 18.6960



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.



62.4215, 56.0853, 49.6557



64.0782, 55.1982, 45.7302



69.9548, 71.1518, 52.1668



16.5786, 16.6414, 17.1359



20.4073, 10.7002, 0.9898



1.8210, 0.9953, 0.0961

Inverse Universe

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



66.2959, 78.9657, 98.1342



68.9882, 84.2137, 107.2265



57.4345, 61.2431, 95.1804



16.9069, 18.5781, 21.2374



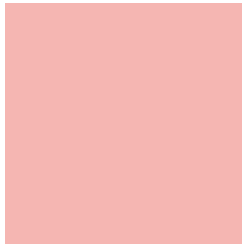
24.2134, 34.2205, 51.8671



2.1534, 3.0582, 4.5670

Previews

White Background



This preview shows how the XYZ color 62.4200, 56.0827, 49.6546 looks on a white background.

Color Contrast Check

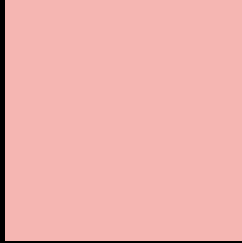
Large Text (above 18pt) WCAG AA × Fail

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 62.4200, 56.0827, 49.6546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

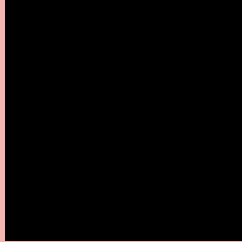
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4200, 56.0827, 49.6546

Background



This preview shows how black text looks on a background with the XYZ color 62.4200, 56.0827, 49.6546.



This preview shows how white text looks on a background with the XYZ color 62.4200, 56.0827,

49.6546.

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

62.4200, 56.0827, 49.6546

Protanopia

53.7310, 56.3150, 54.4923

Deuteranopia

57.5186, 56.4037, 48.9297



Tritanopia

64.3047, 56.2669, 57.9235

Trichromacy



Original Color

62.4200, 56.0827, 49.6546

Protanomaly

56.6103, 56.1782, 52.6595

Deuteranomaly

59.1977, 56.2966, 49.3412

Tritanomaly

63.6070, 56.2714, 55.0860

Monochromacy



Original Color

62.4200, 56.0827, 49.6546

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.9033, 56.5446, 57.7843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4200, 56.0827, 49.6546 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(245, 182, 178)` looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 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(245, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 178) }
```

Border

The CSS property to change the border of an element to XYZ 62.4200, 56.0827, 49.6546 is called "border". The border property can be set on classes, ids or directly on the HTML element.

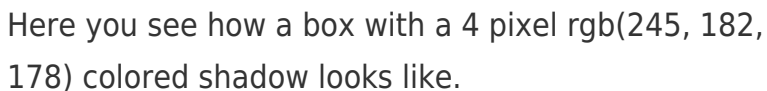
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 182, 178) }
```


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

```
.border{ border-color:rgb(245, 182, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 182, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 182, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 182, 178); box-shadow:4px 4px 4px 4px rgb(245, 182, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4200, 56.0827, 49.6546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 182, 178) }
```

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

```
.background{ background-color: rgb(245,  
182, 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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