

Converting Colors

XYZ(62.1576, 57.5830, 52.1878)

Have a look what the booklet for
XYZ(62.1576, 57.5830, 52.1878)
contains.

XYZ(62.1490, 57.4433, 52.0680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.1490, 57.4433,
52.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BBB6
RGB	240, 187, 182
RGB Percent	94%, 73%, 71%
CMY	0.0588, 0.2666, 0.2863
CMYK	0.00, 0.22, 0.24, 0.06
HSL	5°, 66%, 83%
HSV	5°, 24%, 94%
XYZ	62.1490, 57.4433, 52.0680
YIQ	202.2770, 33.1930, 9.6810

Conversions

Conversions Part 2

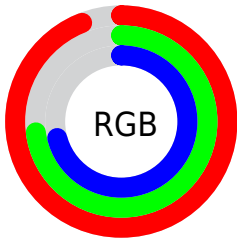
Format	Color
R _Y B	240, 187, 182
Decimal	15776694
CIE Lab	80.43, 18.34, 9.86
CIE LCh	80, 20.821, 28.256
Yxy	57.4433, 0.3620, 0.3346
Android (android.graphics.Color)	4293966774 (0xFFFF0BB6)
YUV	202.2770, -9.9966, 33.0831
Hunter-Lab	75.7914, 13.7353, 12.3222

Details

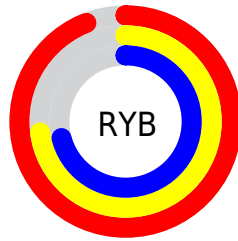
The XYZ color **62.1490, 57.4433, 52.0680** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.7271, 75.6509, 93.6290**, and the grayscale version is **56.3592, 59.2943, 64.5715**.

A 20% lighter version of the original color is **88.7232, 91.5342, 93.8806**, and **32.0160, 28.7025, 24.6216** is the 20% darker color. If you saturate the color by 10%, you get **55.5760, 47.9320, 38.6710**, and if you desaturate by 10%, it is **69.8606, 68.5507, 67.9430**.

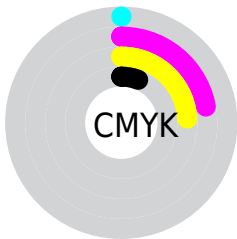
Distribution



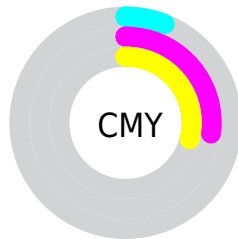
- Red (94%)
- Green (73%)
- Blue (71%)



- Red (94%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (6%)





- Cyan (6%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1490, 57.4433, 52.0680 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 62.1490, 57.4433, 52.0680 by changing the saturation by 10% instead.

 62.1490, 57.4433,
52.0680

 62.1490, 57.4433,
52.0680


422.1833,
415.1083, 411.6635

 45.4092, 41.3613,
36.6767


 107.0296,
101.1117, 94.6591

 31.9825, 28.6015,
24.6634


135.9010,
129.4669, 122.6960

 21.5036, 18.7796,
15.6097

169.5470,
162.6819, 155.7851

 13.6072, 11.5111,
9.0971

208.3330,
201.1412, 194.3450

 7.9278, 6.4117,
4.7069

252.6242,
245.2290, 238.7943

 4.1002, 3.0970,
2.0206


302.7861,

 1.7590, 1.1826,


295.3299, 289.5514


0.5679


359.1840,
351.8282, 347.0350


 0.4928, 0.0474,
0.0000


 0.0000, 0.0000,
0.0000


 62.1490, 57.4433,
52.0680


 62.1490, 57.4433,
52.0680


 55.5760, 47.9320,
38.6710


 69.8606, 68.5507,
67.9430


 50.0831, 39.9359,
27.6234

 78.7564, 81.3144,
86.4083

 45.6138, 33.3791,
18.7909

 88.8851, 95.8014,
107.5739

 42.1044, 28.1758,
12.0237

 89.7453, 97.2653,
108.6517

■ 39.4840, 24.2315,
7.1537

■ 37.6720, 21.4388,
3.9864

■ 36.5725, 19.6728,
2.2852

■ 36.1982, 19.0510,
1.7694

Harmonies

Analogous

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



63.2168, 57.4433, 63.2638



62.1490, 57.4433, 52.0680



59.0297, 57.4433, 44.6154

Triad

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



62.1490, 57.4433, 52.0680



47.9136, 57.4433, 50.9796



54.3488, 57.4433, 89.0963

Complementary

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



62.1490, 57.4433, 52.0680



64.7271, 75.6509, 93.6290

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.



50.3941, 57.4433, 84.7330



62.1490, 57.4433, 52.0680



46.8007, 57.4433, 61.8336

Square

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



62.1490, 57.4433, 52.0680



50.8052, 57.4433, 44.0469



47.6851, 57.4433, 74.3431



58.5753, 57.4433, 85.6116

Rectangle

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



62.1490, 57.4433, 52.0680



56.2852, 57.4433, 42.2450



47.6851, 57.4433, 74.3431



52.9451, 57.4433, 88.4887

Sweetspot

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



62.1506, 57.4460, 52.0692



87.3239, 88.9350, 92.7994



67.6831, 57.9896, 86.3498



18.5553, 18.8413, 19.5810



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.



62.1506, 57.4460, 52.0692



67.4475, 60.3220, 51.8314



68.8924, 70.9296, 54.3165



15.8824, 15.9780, 16.3967



19.8544, 10.5069, 0.9816



1.6890, 0.9487, 0.0941

Inverse Universe

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



64.7271, 75.6509, 93.6290



70.8758, 84.5659, 107.1950



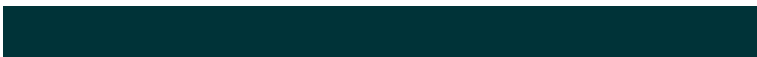
57.1317, 60.4599, 91.0972



16.1239, 17.6820, 20.2847



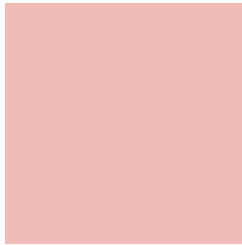
22.5678, 31.3598, 49.9915



1.9114, 2.6769, 4.1702

Previews

White Background



This preview shows how the XYZ color 62.1490, 57.4433, 52.0680 looks on a white background.

Color Contrast Check

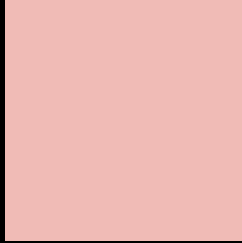
Large Text (above 18pt) WCAG AA × Fail

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 62.1490, 57.4433, 52.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

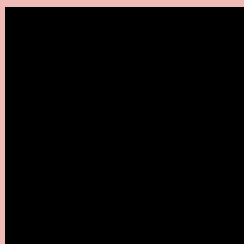
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1490, 57.4433, 52.0680

Background



This preview shows how black text looks on a background with the XYZ color 62.1490, 57.4433, 52.0680.



This preview shows how white text looks on a background with the XYZ color 62.1490, 57.4433,

52.0680.

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

62.1490, 57.4433, 52.0680

Protanopia

54.9541, 57.5995, 55.7984

Deuteranopia

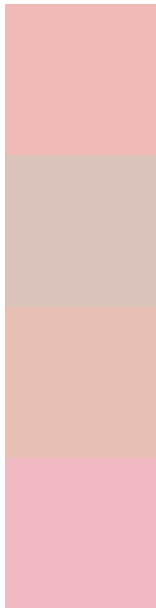
58.7745, 57.6449, 51.7449



Tritanopia

64.0672, 57.2817, 61.7126

Trichromacy



Original Color

62.1490, 57.4433, 52.0680

Protanomaly

57.2915, 57.4808, 54.5297

Deuteranomaly

59.9263, 57.5867, 51.6730

Tritanomaly

63.2502, 57.2490, 58.1686

Monochromacy



Original Color

62.1490, 57.4433, 52.0680

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.1355, 58.4716, 59.8518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1490, 57.4433, 52.0680 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(240, 187, 182) looks like.

```
.text, #text, p{  
    color:rgb(240, 187, 182)  
}
```

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(240, 187, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 187, 182) }
```

Border

The CSS property to change the border of an element to XYZ 62.1490, 57.4433, 52.0680 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(240, 187, 182) }
```


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

```
.border{ border-color:rgb(240, 187, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 187, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 187, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 187, 182);  
box-shadow:4px 4px 4px 4px rgb(240, 187,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1490, 57.4433, 52.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 187, 182) }
```

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

```
.background{ background-color: rgb(240,  
187, 182) }
```

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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