

Converting Colors

XYZ(62.0821, 58.7482, 47.6063)

Have a look what the booklet for
XYZ(62.0821, 58.7482, 47.6063)
contains.

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Color

**XYZ(62.1088, 58.8040,
47.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BFAD
RGB	240, 191, 173
RGB Percent	94%, 75%, 68%
CMY	0.0588, 0.2510, 0.3216
CMYK	0.00, 0.20, 0.28, 0.06
HSL	16°, 69%, 81%
HSV	16°, 28%, 94%
XYZ	62.1088, 58.8040, 47.6120
YIQ	203.5990, 34.9820, 4.7900

Conversions

Conversions Part 2

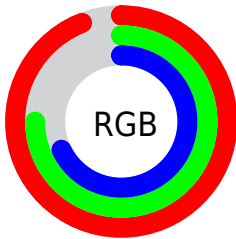
Format	Color
R _Y B	240, 198, 173
Decimal	15777709
CIE Lab	81.18, 14.99, 15.75
CIE LCh	81, 21.746, 46.425
Yxy	58.8040, 0.3685, 0.3489
Android (android.graphics.Color)	4293967789 (0xFFFF0BFAD)
YUV	203.5990, -15.0853, 31.9237
Hunter-Lab	76.6838, 10.3767, 16.8662

Details

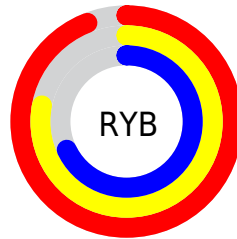
The XYZ color **62.1088, 58.8040, 47.6120** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.0823, 67.4160, 92.3369**, and the grayscale version is **57.2194, 60.1993, 65.5570**.

A 20% lighter version of the original color is **88.5044, 93.3830, 86.7588**, and **31.9253, 29.3391, 22.0695** is the 20% darker color. If you saturate the color by 10%, you get **56.3913, 50.7574, 35.2594**, and if you desaturate by 10%, it is **68.7053, 67.9402, 62.3169**.

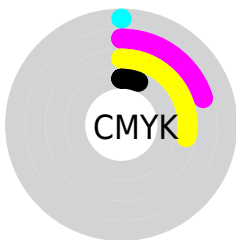
Distribution



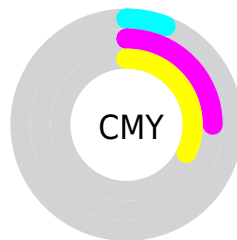
- Red (94%)
- Green (75%)
- Blue (68%)



- Red (94%)
- Yellow (78%)
- Blue (68%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1088, 58.8040, 47.6120 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 62.1088, 58.8040, 47.6120 by changing the saturation by 10% instead.


 62.1088, 58.8040,
47.6120

 62.1088, 58.8040,
47.6120


422.0391,
420.1752, 393.7164

 45.3766, 42.4554,
33.1619


 106.9718,
103.0927, 87.9860

 31.9567, 29.4580,
21.9784


135.8333,
131.8016, 114.7469

 21.4838, 19.4276,
13.6429

169.4685,
165.3994, 146.4486

 13.5926, 11.9796,
7.7368

208.2429,
204.2704, 183.5095

 7.9176, 6.7298,
3.8416

252.5218,
248.7992, 226.3482

 4.0937, 3.2937,
1.5389

302.6706,

 1.7553, 1.2869,

299.3699, 275.3832

0.2466

359.0546,
356.3671, 331.0331

■ 0.4905, 0.1310,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1088, 58.8040,
47.6120

■ 62.1088, 58.8040,
47.6120

■ 56.3913, 50.7574,
35.2594

■ 68.7053, 67.9402,
62.3169

■ 51.5096, 43.7511,
25.1325

■ 76.2121, 78.1968,
79.4844

■ 47.4237, 37.7438,
17.0981

■ 84.6647, 89.6135,
99.2223

■ 44.0884, 32.6883,
11.0072

■ 89.7453, 97.2653,
108.6517

■ 41.4534, 28.5333,
6.6910

■ 39.4612, 25.2222,
3.9510

■ 38.0390, 22.6890,
2.5181

■ 37.7967, 22.2482,
2.3022

Harmonies

Analogous

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



64.6634, 58.8040, 57.2342



62.1088, 58.8040, 47.6120



57.9596, 58.8040, 42.7234

Triad

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



62.1088, 58.8040, 47.6120



47.8499, 58.8040, 58.3526



58.3890, 58.8040, 91.0397

Complementary

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



62.1088, 58.8040, 47.6120



59.0823, 67.4160, 92.3369

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.



53.8731, 58.8040, 91.4460



62.1088, 58.8040, 47.6120



47.9510, 58.8040, 71.3383

Square

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



62.1088, 58.8040, 47.6120



49.8194, 58.8040, 48.3352



50.1035, 58.8040, 83.8394



62.4378, 58.8040, 82.7945

Rectangle

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



62.1088, 58.8040, 47.6120



54.9230, 58.8040, 42.3125



50.1035, 58.8040, 83.8394



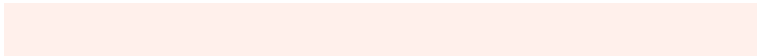
56.8711, 58.8040, 92.1324

Sweetspot

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



62.1104, 58.8067, 47.6132



87.3619, 89.6036, 90.9854



64.0819, 53.6941, 76.1879



18.4064, 18.7810, 18.7993



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.



62.1104, 58.8067, 47.6132



67.7490, 62.5398, 46.9538



70.2327, 75.0514, 50.3207



16.1183, 16.4498, 16.4753



20.7840, 12.3661, 1.2915



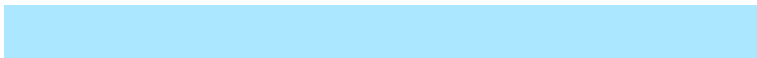
1.8084, 1.1874, 0.1339

Inverse Universe

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



59.0823, 67.4160, 92.3369



63.7775, 73.7921, 105.4896



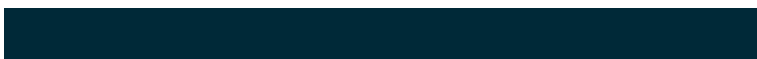
51.0812, 51.4139, 89.6699



15.8672, 17.1685, 20.1992



17.1711, 20.5665, 48.1926



1.5100, 1.8741, 4.0364

Previews

White Background



This preview shows how the XYZ color 62.1088, 58.8040, 47.6120 looks on a white background.

Color Contrast Check

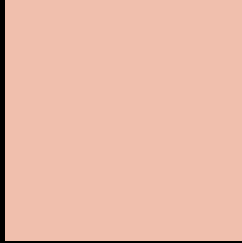
Large Text (above 18pt) WCAG AA × Fail

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 62.1088, 58.8040, 47.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

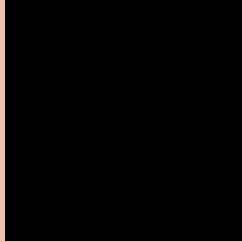
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1088, 58.8040, 47.6120

Background



This preview shows how black text looks on a background with the XYZ color 62.1088, 58.8040, 47.6120.



This preview shows how white text looks on a background with the XYZ color 62.1088, 58.8040,

47.6120.

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

62.1088, 58.8040, 47.6120

Protanopia

55.7865, 58.8365, 50.5358

Deuteranopia

60.0169, 58.7179, 47.2002



Tritanopia

65.2751, 58.8124, 63.1699

Trichromacy



Original Color

62.1088, 58.8040, 47.6120

Protanomaly

57.9269, 58.5967, 49.3315

Deuteranomaly

60.7773, 58.7807, 47.1722

Tritanomaly

64.0051, 58.6053, 57.2287

Monochromacy



Original Color

62.1088, 58.8040, 47.6120

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.6643, 59.4488, 58.8349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1088, 58.8040, 47.6120 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, 191, 173)` looks like.

```
.text, #text, p{  
    color:rgb(240, 191, 173)  
}
```

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, 191, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 191, 173) }
```

Border

The CSS property to change the border of an element to XYZ 62.1088, 58.8040, 47.6120 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, 191, 173) }
```


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

```
.border{ border-color:rgb(240, 191, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 191, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 191, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 191, 173);  
box-shadow:4px 4px 4px 4px rgb(240, 191,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1088, 58.8040, 47.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 191, 173) }
```

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

```
.background{ background-color: rgb(240,  
191, 173) }
```

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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