

Converting Colors

XYZ(62.6428, 58.2465, 56.0852)

Have a look what the booklet for
XYZ(62.6428, 58.2465, 56.0852)
contains.

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Color

**XYZ(62.6428, 58.2465,
56.0852)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBDBD
RGB	238, 189, 189
RGB Percent	93%, 74%, 74%
CMY	0.0667, 0.2588, 0.2588
CMYK	0.00, 0.21, 0.21, 0.07
HSL	0°, 59%, 84%
HSV	0°, 21%, 93%
XYZ	62.6428, 58.2465, 56.0852
YIQ	203.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

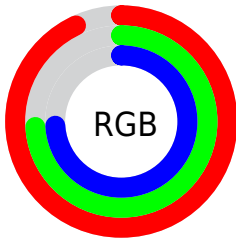
Format	Color
R _Y B	238, 189, 189
Decimal	15646141
CIE Lab	80.88, 17.56, 6.71
CIE LCh	81, 18.795, 20.901
Yxy	58.2465, 0.3540, 0.3291
Android (android.graphics.Color)	4293836221 (0xFFEEBDBD)
YUV	203.6510, -7.2229, 30.1241
Hunter-Lab	76.3194, 12.9535, 9.8528

Details

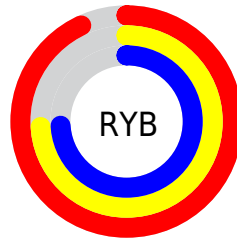
The XYZ color **62.6428, 58.2465, 56.0852** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.9927, 78.1388, 92.4407**, and the grayscale version is **57.2068, 60.1860, 65.5426**.

A 20% lighter version of the original color is **90.3738, 93.1574, 99.6042**, and **32.3041, 29.2096, 27.2280** is the 20% darker color. If you saturate the color by 10%, you get **55.5626, 47.8866, 42.0080**, and if you desaturate by 10%, it is **70.9900, 70.4611, 72.6775**.

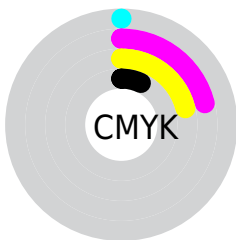
Distribution



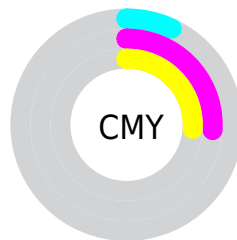
- Red (93%)
- Green (74%)
- Blue (74%)



- Red (93%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6428, 58.2465, 56.0852 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 62.6428, 58.2465, 56.0852 by changing the saturation by 10% instead.


 62.6428, 58.2465,
56.0852

 62.6428, 58.2465,
56.0852

423.9523,
418.1038, 427.4098

 45.8099, 42.0069,
39.8668


 107.7387,
102.2817, 100.6162

 32.2998, 29.1067,
27.1217


136.7324,
130.8461, 129.7658

 21.7472, 19.1615,
17.4314


170.5104,
164.2875, 164.0629

 13.7869, 11.7870,
10.3773

209.4381,
202.9903, 203.9261

 8.0533, 6.5988,
5.5410

253.8807,
247.3390, 249.7738

 4.1812, 3.2125,
2.5038

304.2037,

 1.8051, 1.2437,

297.7179, 302.0247

0.8422

360.7725,
354.5113, 361.0972

■ 0.5208, 0.0969,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6428, 58.2465,
56.0852

■ 62.6428, 58.2465,
56.0852

■ 55.5626, 47.8866,
42.0080

■ 70.9900, 70.4611,
72.6775

■ 49.6832, 39.2833,
30.3200

■ 80.6569, 84.6063,
91.8954

■ 44.9393, 32.3415,
20.8895

■ 89.0701, 96.9172,
108.6201

■ 41.2578, 26.9543,
13.5711

■ 38.5568, 23.0019,
8.2022

■ 36.7427, 20.3472,
4.5964

■ 35.7038, 18.8268,
2.5316

■ 35.2603, 18.1777,
1.6502

Harmonies

Analogous

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



63.0758, 58.2465, 66.8667



62.6428, 58.2465, 56.0852



60.2111, 58.2465, 48.2145

Triad

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



62.6428, 58.2465, 56.0852



49.7605, 58.2465, 50.8543



54.1878, 58.2465, 86.9959

Complementary

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



62.6428, 58.2465, 56.0852



66.9927, 78.1388, 92.4407

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.



50.7797, 58.2465, 81.5283



62.6428, 58.2465, 56.0852



48.3034, 58.2465, 60.0949

Square

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



62.6428, 58.2465, 56.0852



52.7372, 58.2465, 45.4491



48.6676, 58.2465, 71.3691



58.0715, 58.2465, 85.5968

Rectangle

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



62.6428, 58.2465, 56.0852



57.8437, 58.2465, 45.2649



48.6676, 58.2465, 71.3691



52.9515, 58.2465, 85.8785

Sweetspot

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



62.6444, 58.2492, 56.0864



87.9959, 89.6780, 94.8763



68.8906, 60.7461, 88.9835



18.6778, 18.9651, 19.9955



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.



62.6444, 58.2492, 56.0864



69.3582, 62.4059, 57.8246



68.3660, 69.6923, 57.9936



15.7730, 15.7591, 16.3602



19.6717, 10.1414, 0.9207



1.6365, 0.8438, 0.0766

Inverse Universe

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



66.9927, 78.1388, 92.4407



75.3569, 89.8450, 107.9778



60.3398, 64.8330, 90.2231



16.2473, 17.9287, 20.3259



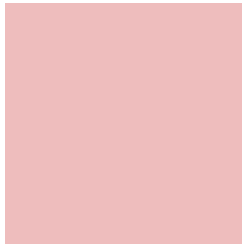
25.6638, 37.5519, 51.0235



2.1350, 3.1240, 4.2447

Previews

White Background



This preview shows how the XYZ color 62.6428, 58.2465, 56.0852 looks on a white background.

Color Contrast Check

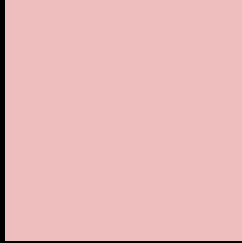
Large Text (above 18pt) WCAG AA × Fail

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 62.6428, 58.2465, 56.0852 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 62.6428, 58.2465, 56.0852

Background



This preview shows how black text looks on a background with the XYZ color 62.6428, 58.2465, 56.0852.

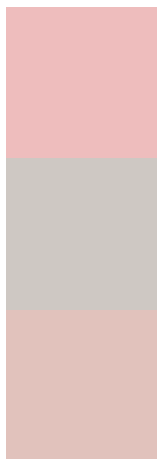


This preview shows how white text looks on a background with the XYZ color 62.6428, 58.2465,

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

62.6428, 58.2465, 56.0852

Protanopia

55.9582, 58.3705, 59.9471

Deuteranopia

59.4202, 58.2220, 55.6831



Tritanopia

64.0276, 58.1556, 63.7277

Trichromacy



Original Color

62.6428, 58.2465, 56.0852

Protanomaly

58.2790, 58.2355, 58.6210

Deuteranomaly

60.5599, 58.1531, 55.6098

Tritanomaly

63.6579, 58.3484, 60.7306

Monochromacy



Original Color

62.6428, 58.2465, 56.0852

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.0511, 59.5693, 62.4185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6428, 58.2465, 56.0852 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(238, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(238, 189, 189)  
}
```

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(238, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 189, 189) }
```

Border

The CSS property to change the border of an element to XYZ 62.6428, 58.2465, 56.0852 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(238, 189, 189) }
```


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

```
.border{ border-color:rgb(238, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 189, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 189, 189); box-shadow:4px 4px 4px 4px rgb(238, 189, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6428, 58.2465, 56.0852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 189, 189) }
```

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

```
.background{ background-color: rgb(238,  
189, 189) }
```

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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