

Converting Colors

XYZ(68.5466, 69.1227, 62.5525)

Have a look what the booklet for
XYZ(68.5466, 69.1227, 62.5525)
contains.

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Color

**XYZ(68.5466, 69.1227,
62.5525)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD4C5
RGB	237, 212, 197
RGB Percent	93%, 83%, 77%
CMY	0.0706, 0.1686, 0.2274
CMYK	0.00, 0.11, 0.17, 0.07
HSL	23°, 53%, 85%
HSV	23°, 17%, 93%
XYZ	68.5466, 69.1227, 62.5525
YIQ	217.7650, 19.7150, 0.6350

Conversions

Conversions Part 2

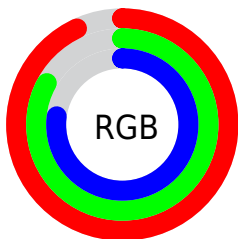
Format	Color
R_{YB}	237, 221, 197
Decimal	15586501
CIE Lab	86.56, 6.30, 10.57
CIE LCh	87, 12.307, 59.227
Yxy	69.1227, 0.3424, 0.3452
Android (android.graphics.Color)	4293776581 (0xFFEDD4C5)
YUV	217.7650, -10.2371, 16.8691
Hunter-Lab	83.1401, 1.6730, 13.5897

Details

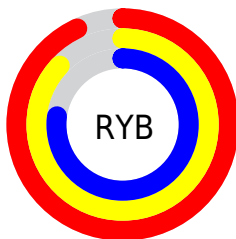
The XYZ color **68.5466, 69.1227, 62.5525** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.4329, 70.2258, 90.2804**, and the grayscale version is **66.5390, 70.0042, 76.2346**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **36.0710, 35.9209, 31.0189** is the 20% darker color. If you saturate the color by 10%, you get **62.5081, 61.0550, 48.1785**, and if you desaturate by 10%, it is **75.3554, 78.0466, 79.2912**.

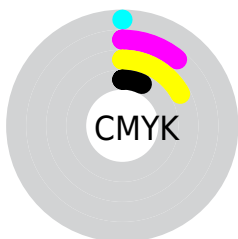
Distribution



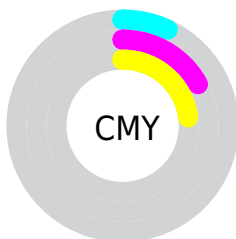
- Red (93%)
- Green (83%)
- Blue (77%)



- Red (93%)
- Yellow (87%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5466, 69.1227, 62.5525 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 68.5466, 69.1227, 62.5525 by changing the saturation by 10% instead.

68.5466, 69.1227,
62.5525

68.5466, 69.1227,
62.5525

444.7766,
457.4636, 452.0067

50.6178, 50.8116,
45.0406

116.1714,
117.9568, 110.1030

36.1244, 36.0587,
31.1462

146.5981,
149.2487, 140.9787

24.7008, 24.4796,
20.4508

181.9215,
185.6362, 177.1460

15.9818, 15.6897,
12.5359

222.5070,
227.5039, 219.0236

9.6021, 9.3049,
6.9828

268.7199,
275.2361, 267.0299

5.1962, 4.9406,
3.3730

320.9256,

2.3987, 2.2124,

329.2172, 321.5835

1.2881

379.4894,
389.8315, 383.1029

■ 0.8445, 0.7268,
0.0520

■ 0.0000, 0.0000,
0.0000

■ 68.5466, 69.1227,
62.5525

■ 68.5466, 69.1227,
62.5525

■ 62.5081, 61.0550,
48.1785

■ 75.3554, 78.0466,
79.2912

■ 57.2054, 53.8080,
36.0571

■ 82.9563, 87.8423,
98.4911

■ 52.6093, 47.3574,
26.0734

■ 88.7353, 96.7447,
108.6045

■ 48.6866, 41.6739,
18.1006

■ 45.4007, 36.7263,
11.9983

■ 42.7113, 32.4808,
7.6078

■ 40.5721, 28.9003,
4.7432

■ 38.9266, 25.9423,
3.1682

■ 38.4895, 25.1331,
2.8225

Harmonies

Analogous

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



70.6048, 69.1227, 67.8479



68.5466, 69.1227, 62.5525



65.7731, 69.1227, 60.6182

Triad

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



68.5466, 69.1227, 62.5525



60.3639, 69.1227, 75.0510



68.4147, 69.1227, 89.8264

Complementary

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



68.5466, 69.1227, 62.5525



64.4329, 70.2258, 90.2804

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.



65.6250, 69.1227, 92.0945



68.5466, 69.1227, 62.5525



61.0260, 69.1227, 83.1993

Square

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



68.5466, 69.1227, 62.5525



61.0965, 69.1227, 67.5057



62.9315, 69.1227, 89.5880



70.5271, 69.1227, 83.5927

Rectangle

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



68.5466, 69.1227, 62.5525



63.9087, 69.1227, 61.3788



62.9315, 69.1227, 89.5880



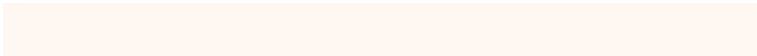
67.5226, 69.1227, 91.0971

Sweetspot

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



68.5485, 69.1258, 62.5540



90.5754, 94.2274, 97.6153



68.1216, 63.2297, 77.9567



19.2563, 19.9994, 20.5670



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.



68.5485, 69.1258, 62.5540



78.5617, 78.4648, 68.1313



73.7667, 79.5622, 64.2934



15.5284, 15.9798, 15.7847



21.1297, 13.9536, 1.5797



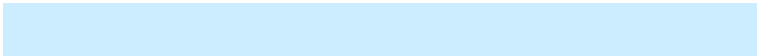
1.7490, 1.2753, 0.1540

Inverse Universe

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



64.4329, 70.2258, 90.2804



72.9097, 79.9730, 106.2013



59.5117, 60.3833, 88.6400



15.0154, 16.1173, 19.2418



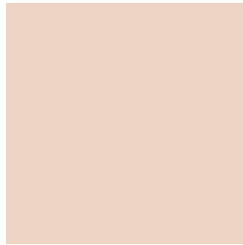
14.2659, 15.1789, 45.9209



1.2121, 1.3757, 3.6365

Previews

White Background



This preview shows how the XYZ color 68.5466, 69.1227, 62.5525 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 68.5466, 69.1227, 62.5525 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 68.5466, 69.1227, 62.5525

Background



This preview shows how black text looks on a background with the XYZ color 68.5466, 69.1227, 62.5525.



This preview shows how white text looks on a background with the XYZ color 68.5466, 69.1227,

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

68.5466, 69.1227, 62.5525

Protanopia

65.9160, 69.2428, 63.9239

Deuteranopia

70.6497, 69.0906, 63.0383



Tritanopia

72.2860, 69.1943, 80.0670

Trichromacy



Original Color

68.5466, 69.1227, 62.5525

Protanomaly

66.8066, 69.3361, 63.2882

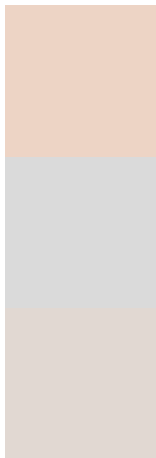
Deuteranomaly

69.8576, 69.0476, 63.0717

Tritanomaly

70.8732, 68.9812, 73.1976

Monochromacy



Original Color

68.5466, 69.1227, 62.5525

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.2401, 69.7724, 70.8963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5466, 69.1227, 62.5525 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(237, 212, 197)` looks like.

```
.text, #text, p{  
    color:rgb(237, 212, 197)  
}
```

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(237, 212, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 212, 197) }
```

Border

The CSS property to change the border of an element to XYZ 68.5466, 69.1227, 62.5525 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(237, 212, 197) }
```


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

```
.border{ border-color:rgb(237, 212, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 212, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 212, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 212, 197);  
box-shadow:4px 4px 4px 4px rgb(237, 212,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5466, 69.1227, 62.5525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 212, 197) }
```

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

```
.background{ background-color: rgb(237,  
212, 197) }
```

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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