

Converting Colors

XYZ(67.6583, 72.8637, 62.0694)

Have a look what the booklet for
XYZ(67.6583, 72.8637, 62.0694)
contains.

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Color

**XYZ(67.6020, 72.8842,
62.1348)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DFC3
RGB	226, 223, 195
RGB Percent	89%, 87%, 76%
CMY	0.1137, 0.1255, 0.2353
CMYK	0.00, 0.01, 0.14, 0.11
HSL	54°, 35%, 83%
HSV	54°, 14%, 89%
XYZ	67.6020, 72.8842, 62.1348
YIQ	220.7050, 10.7760, -8.0720

Conversions

Conversions Part 2

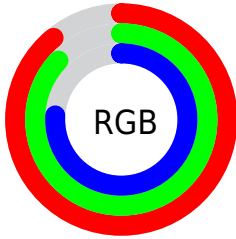
Format	Color
R_{YB}	198, 226, 195
Decimal	14868419
CIE _{Lab}	88.39, -3.65, 14.10
CIE _{LCh}	88, 14.561, 104.518
Yxy	72.8842, 0.3336, 0.3597
Android (android.graphics.Color)	4293058499 (0xFFE2DFC3)
YUV	220.7050, -12.6726, 4.6437
Hunter-Lab	85.3722, -8.0562, 16.6087

Details

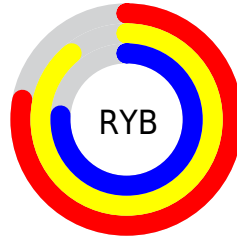
The XYZ color **67.6020, 72.8842, 62.1348** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.4271, 57.4801, 80.0728**, and the grayscale version is **68.6027, 72.1754, 78.5990**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **35.6049, 38.5863, 30.7706** is the 20% darker color. If you saturate the color by 10%, you get **64.6588, 70.7818, 49.4867**, and if you desaturate by 10%, it is **70.9435, 75.1628, 76.8256**.

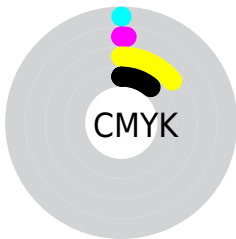
Distribution



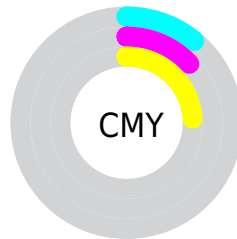
- Red (89%)
- Green (87%)
- Blue (76%)



- Red (78%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6020, 72.8842, 62.1348 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 67.6020, 72.8842, 62.1348 by changing the saturation by 10% instead.

67.6020, 72.8842,
62.1348

67.6020, 72.8842,
62.1348

441.4835,
470.6134, 450.4438

49.8465, 53.8813,
44.7051

114.8276,
123.3128, 109.4938

35.5087, 38.5068,
30.8840

145.0285,
155.5073, 140.2602

24.2234, 26.3762,
20.2528

180.1085,
192.8677, 176.3094

15.6250, 17.1053,
12.3930

220.4330,
235.7785, 218.0597

9.3484, 10.3096,
6.8862

266.3674,
284.6241, 265.9297

5.0280, 5.6047,
3.3136

318.2771,

2.2986, 2.6062,

339.7888, 320.3381

1.2569

376.5273,
401.6571, 381.7033

■ 0.7940, 0.9298,
0.0261

■ 0.0000, 0.0000,
0.0000

■ 67.6020, 72.8842,
62.1348

■ 67.6020, 72.8842,
62.1348

■ 64.6588, 70.7818,
49.4867

■ 70.9435, 75.1628,
76.8256

■ 62.0906, 68.8390,
38.7852

■ 74.6937, 77.6146,
93.6397

■ 59.8807, 67.0514,
29.9338

■ 77.5878, 79.7360,
105.9090

■ 58.0088, 65.4110,
22.8256

■ 78.1978, 80.9560,
106.1123

■ 56.4526, 63.9087,
17.3431

■ 78.8154, 82.1912,
106.3182

■ 55.1869, 62.5344,
13.3541

■ 79.4407, 83.4418,
106.5266

■ 54.1827, 61.2764,
10.7057

■ 80.0737, 84.7077,
106.7376

■ 53.4047, 60.1207,
9.2124

■ 80.7144, 85.9891,
106.9512

■ 52.9961, 59.4326,
8.6784

■ 81.3628, 87.2859,
107.1673

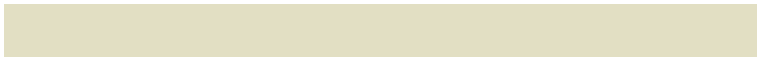
Harmonies

Analogous

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



71.0851, 72.8842, 62.2061



67.6020, 72.8842, 62.1348



64.6651, 72.8842, 66.4018

Triad

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



67.6020, 72.8842, 62.1348



64.5886, 72.8842, 93.6433



75.9598, 72.8842, 84.6119

Complementary

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



67.6020, 72.8842, 62.1348



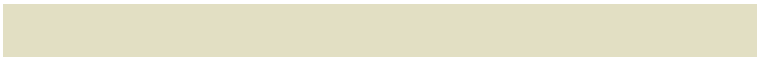
56.4271, 57.4801, 80.0728

Split Complementary

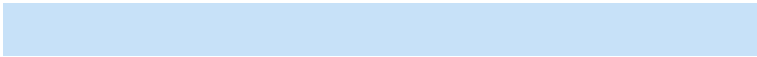
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0974, 72.8842, 93.8997



67.6020, 72.8842, 62.1348



67.4944, 72.8842, 99.4053

Square

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



67.6020, 72.8842, 62.1348



62.9655, 72.8842, 84.2853



70.9738, 72.8842, 99.5029



75.9910, 72.8842, 74.6275

Rectangle

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



67.6020, 72.8842, 62.1348



63.3788, 72.8842, 71.3569



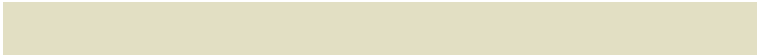
70.9738, 72.8842, 99.5029



75.5244, 72.8842, 87.9370

Sweetspot

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



67.6040, 72.8874, 62.1364



93.1373, 98.7332, 100.3747



61.0845, 59.2818, 61.7106



19.8603, 21.0829, 21.1520



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.



67.6040, 72.8874, 62.1364



87.9184, 95.1557, 77.4854



64.6624, 72.5695, 62.2300



14.7526, 15.7913, 14.5773



30.2826, 34.0031, 4.9672



2.1323, 2.4235, 0.3554

Inverse Universe

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



56.4271, 57.4801, 80.0728



70.9483, 71.7628, 104.7200



59.0875, 57.8453, 80.0031



13.0580, 13.4552, 17.2966



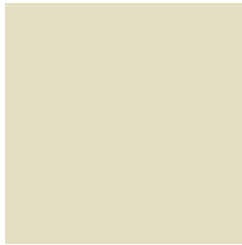
8.0320, 3.5335, 41.3071



0.5936, 0.3188, 2.8755

Previews

White Background



This preview shows how the XYZ color 67.6020, 72.8842, 62.1348 looks on a white background.

Color Contrast Check

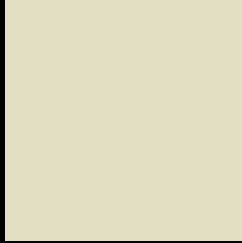
Large Text (above 18pt) WCAG AA × Fail

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 67.6020, 72.8842, 62.1348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

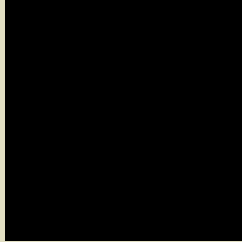
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

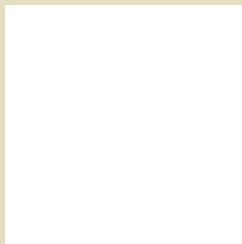
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6020, 72.8842, 62.1348

Background



This preview shows how black text looks on a background with the XYZ color 67.6020, 72.8842, 62.1348.

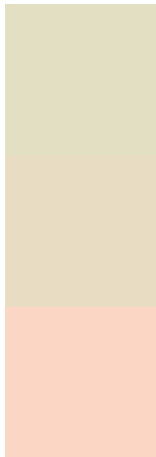


This preview shows how white text looks on a background with the XYZ color 67.6020, 72.8842,

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

67.6020, 72.8842, 62.1348

Protanopia

68.8728, 72.7637, 61.4538

Deuteranopia

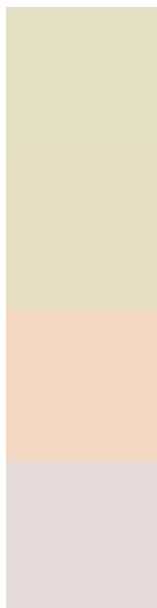
74.2695, 72.8198, 62.9645



Tritanopia

72.6191, 72.5551, 88.0190

Trichromacy



Original Color

67.6020, 72.8842, 62.1348

Protanomaly

68.4920, 72.9606, 61.5118

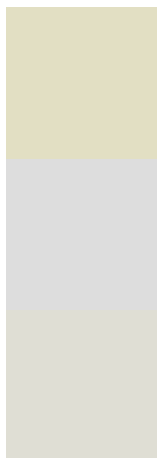
Deuteranomaly

71.7388, 72.6659, 62.4694

Tritanomaly

70.5629, 72.4884, 77.9827

Monochromacy



Original Color

67.6020, 72.8842, 62.1348

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.4364, 72.6840, 72.7098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6020, 72.8842, 62.1348 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(226, 223, 195)` looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 195)  
}
```

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(226, 223, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 195) }
```

Border

The CSS property to change the border of an element to XYZ 67.6020, 72.8842, 62.1348 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(226, 223, 195) }
```


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

```
.border{ border-color:rgb(226, 223, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 223, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 223, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 223, 195); box-shadow:4px 4px 4px 4px rgb(226, 223, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6020, 72.8842, 62.1348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 195) }
```

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

```
.background{ background-color: rgb(226,  
223, 195) }
```

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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