

Converting Colors

XYZ(68.1104, 68.9696, 72.8913)

Have a look what the booklet for
XYZ(68.1104, 68.9696, 72.8913)
contains.

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Color

**XYZ(68.1176, 69.0506,
72.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D5D5
RGB	229, 213, 213
RGB Percent	90%, 84%, 84%
CMY	0.1020, 0.1647, 0.1647
CMYK	0.00, 0.07, 0.07, 0.10
HSL	0°, 24%, 87%
HSV	0°, 7%, 90%
XYZ	68.1176, 69.0506, 72.6887
YIQ	217.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

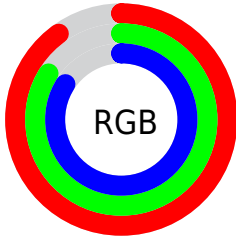
Format	Color
R _Y B	229, 213, 213
Decimal	15062485
CIE Lab	86.53, 5.51, 1.98
CIE LCh	87, 5.857, 19.736
Yxy	69.0506, 0.3246, 0.3290
Android (android.graphics.Color)	4293252565 (0xFFE5D5D5)
YUV	217.7840, -2.3585, 9.8364
Hunter-Lab	83.0967, 0.9042, 6.3038

Details

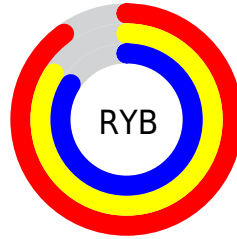
The XYZ color **68.1176, 69.0506, 72.6887** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6026, 75.8407, 85.0999**, and the grayscale version is **66.5045, 69.9679, 76.1951**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.6320, 35.8066, 37.3811** is the 20% darker color. If you saturate the color by 10%, you get **60.0563, 57.2553, 56.6594**, and if you desaturate by 10%, it is **77.4062, 82.6419, 91.1537**.

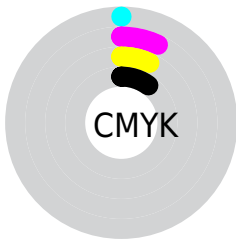
Distribution



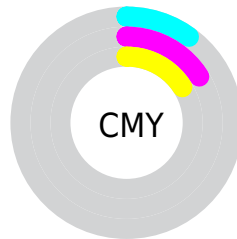
- Red (90%)
- Green (84%)
- Blue (84%)



- Red (90%)
- Yellow (84%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.1176, 69.0506, 72.6887 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 68.1176, 69.0506, 72.6887 by changing the saturation by 10% instead.

68.1176, 69.0506,
72.6887

68.1176, 69.0506,
72.6887

443.2828,
457.2094, 488.9770

50.2674, 50.7529,
53.2312

115.5613,
117.8538, 124.7520

35.8446, 36.0120,
37.5984

145.8856,
149.1282, 158.1949

24.4838, 24.4435,
25.3717

181.0987,
185.4969, 197.1366

15.8195, 15.6629,
16.1327

221.5659,
227.3443, 241.9957

9.4866, 9.2859,
9.4627

267.6525,
275.0549, 293.1908

5.1195, 4.9282,
4.9433

319.7240,

2.3530, 2.2052,

329.0130, 351.1403

2.1559

378.1456,
389.6031, 416.2629

■ 0.8216, 0.7228,
0.6487

■ 0.0000, 0.0000,
0.0000

■ 68.1176, 69.0506,
72.6887

■ 68.1176, 69.0506,
72.6887

■ 60.0563, 57.2553,
56.6594

■ 77.4062, 82.6419,
91.1537

■ 53.1656, 47.1725,
42.9599

■ 86.1235, 95.3982,
108.4822

■ 47.3927, 38.7252,
31.4832

■ 42.6788, 31.8274,
22.1123

■ 38.9595, 26.3850,
14.7191

■ 36.1638, 22.2937,
9.1620

■ 34.2107, 19.4354,
5.2805

■ 33.0058, 17.6719,
2.8864

■ 32.4268, 16.8243,
1.7365

Harmonies

Analogous

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



68.2320, 69.0506, 76.5239



68.1176, 69.0506, 72.6887



67.3316, 69.0506, 69.6243

Triad

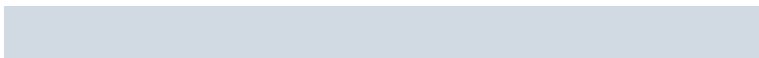
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.1176, 69.0506, 72.6887



63.6593, 69.0506, 70.4568



65.1666, 69.0506, 82.7809

Complementary

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



68.1176, 69.0506, 72.6887



69.6026, 75.8407, 85.0999

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.



63.9583, 69.0506, 81.0328



68.1176, 69.0506, 72.6887



63.0960, 69.0506, 73.8605

Square

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



68.1176, 69.0506, 72.6887



64.7532, 69.0506, 68.3668



63.2047, 69.0506, 77.7365



66.5157, 69.0506, 82.4407

Rectangle

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



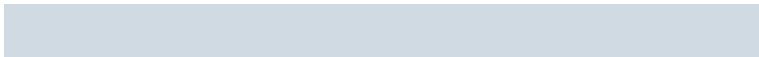
68.1176, 69.0506, 72.6887



66.5385, 69.0506, 68.3889



63.2047, 69.0506, 77.7365



64.7309, 69.0506, 82.4157

Sweetspot

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



68.1195, 69.0536, 72.6902



92.6346, 96.4657, 104.0977



70.2511, 69.9047, 83.9200



19.8529, 20.6846, 22.3315



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.



68.1195, 69.0536, 72.6902



85.7730, 86.4258, 90.4557



70.1807, 73.1760, 73.3772



14.3773, 14.3686, 14.9201



18.4755, 9.5252, 0.8648



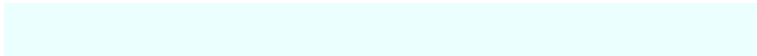
1.3654, 0.7041, 0.0639

Inverse Universe

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



69.6026, 75.8407, 85.0999



87.9374, 96.3310, 108.5667



67.4408, 71.5172, 84.3793



14.8072, 16.3358, 18.5170



24.0975, 35.2571, 47.9184



1.7808, 2.6056, 3.5410

Previews

White Background



This preview shows how the XYZ color 68.1176, 69.0506, 72.6887 looks on a white background.

Color Contrast Check

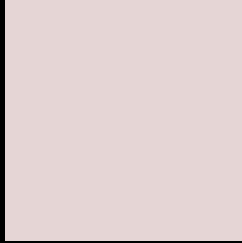
Large Text (above 18pt) WCAG AA × Fail

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 68.1176, 69.0506, 72.6887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

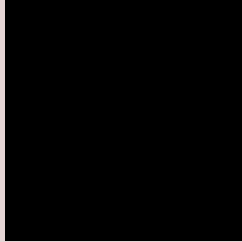
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

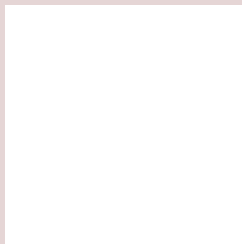
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.1176, 69.0506, 72.6887

Background



This preview shows how black text looks on a background with the XYZ color 68.1176, 69.0506, 72.6887.

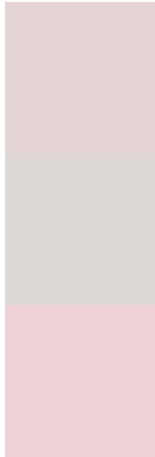


This preview shows how white text looks on a background with the XYZ color 68.1176, 69.0506,

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

68.1176, 69.0506, 72.6887

Protanopia

66.5123, 69.3389, 73.4965

Deuteranopia

70.4441, 69.1254, 73.2481



Tritanopia

70.1144, 69.1235, 82.3198

Trichromacy



Original Color

68.1176, 69.0506, 72.6887

Protanomaly

67.1785, 69.3032, 73.4545

Deuteranomaly

69.6928, 69.1057, 73.2839

Tritanomaly

69.3614, 69.1839, 78.8053

Monochromacy



Original Color

68.1176, 69.0506, 72.6887

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.0747, 69.5992, 74.8645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1176, 69.0506, 72.6887 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(229, 213, 213) looks like.

```
.text, #text, p{  
    color:rgb(229, 213, 213)  
}
```

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(229, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 213, 213) }
```

Border

The CSS property to change the border of an element to XYZ 68.1176, 69.0506, 72.6887 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(229, 213, 213) }
```


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

```
.border{ border-color:rgb(229, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(229, 213,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1176, 69.0506, 72.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 213, 213) }
```

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

```
.background{ background-color: rgb(229,  
213, 213) }
```

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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