

Converting Colors

XYZ(69.1411, 68.7042, 61.7163)

Have a look what the booklet for
XYZ(69.1411, 68.7042, 61.7163)
contains.

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Color

**XYZ(69.2860, 68.7795,
61.8486)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D2C4
RGB	241, 210, 196
RGB Percent	95%, 82%, 77%
CMY	0.0549, 0.1764, 0.2314
CMYK	0.00, 0.13, 0.19, 0.05
HSL	19°, 62%, 86%
HSV	19°, 19%, 95%
XYZ	69.2860, 68.7795, 61.8486
YIQ	217.6730, 22.9700, 2.2180

Conversions

Conversions Part 2

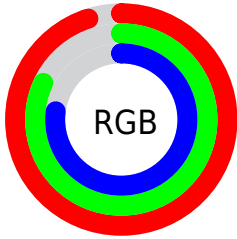
Format	Color
RYB	241, 216, 196
Decimal	15848132
CIELab	86.39, 8.64, 10.91
CIELCh	86, 13.912, 51.628
Yxy	68.7795, 0.3466, 0.3440
Android (android.graphics.Color)	4294038212 (0xFFFF1D2C4)
YUV	217.6730, -10.6848, 20.4578
Hunter-Lab	82.9334, 3.9928, 13.8371

Details

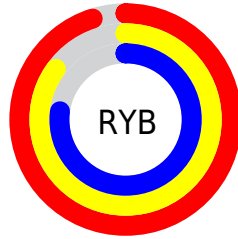
The XYZ color **69.2860, 68.7795, 61.8486** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.1107, 73.0230, 93.8299**, and the grayscale version is **66.4771, 69.9391, 76.1636**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **36.7785, 36.0442, 30.6100** is the 20% darker color. If you saturate the color by 10%, you get **62.8726, 59.9954, 47.2467**, and if you desaturate by 10%, it is **76.5689, 78.5963, 78.9158**.

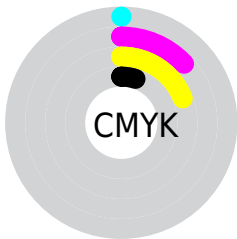
Distribution



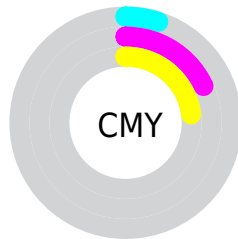
- Red (95%)
- Green (82%)
- Blue (77%)



- Red (95%)
- Yellow (85%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (19%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2860, 68.7795, 61.8486 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 69.2860, 68.7795, 61.8486 by changing the saturation by 10% instead.

69.2860, 68.7795,
61.8486

69.2860, 68.7795,
61.8486

447.3446,
456.2529, 449.3710

51.2222, 50.5322,
44.4754

117.2218,
117.4666, 109.0762

36.6072, 35.8364,
30.7045

147.8245,
148.6751, 139.7676

25.0758, 24.3079,
20.1173

183.3375,
184.9728, 175.7355

16.2626, 15.5622,
12.2954

224.1261,
226.7441, 217.3984

9.8022, 9.2149,
6.8202

270.5558,
274.3734, 265.1748

5.3292, 4.8816,
3.2732

322.9919,

2.4784, 2.1780,

328.2450, 319.4834

1.2358

381.7997,
388.7434, 380.7426

■ 0.8844, 0.7079,
0.0083

■ 0.0000, 0.0000,
0.0000

■ 69.2860, 68.7795,
61.8486

■ 69.2860, 68.7795,
61.8486

■ 62.8726, 59.9954,
47.2467

■ 76.5689, 78.5963,
78.9158

■ 57.2893, 52.2006,
34.9909

■ 84.7477, 89.4690,
98.5512

■ 52.5017, 45.3619,
24.9585

■ 90.0858, 97.4409,
108.6677

■ 48.4706, 39.4409,
17.0139

■ 45.1533, 34.3964,
11.0063

■ 42.5022, 30.1834,
6.7644

■ 40.4628, 26.7527,
4.0864

■ 38.9618, 24.0448,
2.6795

■ 38.7921, 23.7334,
2.5364

Harmonies

Analogous

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



71.2897, 68.7795, 68.5513



69.2860, 68.7795, 61.8486



66.2771, 68.7795, 58.7032

Triad

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



69.2860, 68.7795, 61.8486



59.4455, 68.7795, 72.3408



67.6780, 68.7795, 92.5826

Complementary

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



69.2860, 68.7795, 61.8486



66.1107, 73.0230, 93.8299

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.



64.4769, 68.7795, 93.8064



69.2860, 68.7795, 61.8486



59.7928, 68.7795, 81.6062

Square

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



69.2860, 68.7795, 61.8486



60.6450, 68.7795, 64.4276



61.6099, 68.7795, 89.6449



70.3403, 68.7795, 86.4261

Rectangle

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



69.2860, 68.7795, 61.8486



64.1347, 68.7795, 58.8519



61.6099, 68.7795, 89.6449



66.6268, 68.7795, 93.6036

Sweetspot

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



69.2879, 68.7826, 61.8500



89.4134, 92.5130, 95.3488



69.9505, 63.7552, 81.6552



19.0117, 19.6328, 20.1067



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.



69.2879, 68.7826, 61.8500



76.1852, 74.6749, 64.3703



75.0966, 80.4001, 63.7863



16.1741, 16.5613, 16.4939



21.1415, 13.0810, 1.4106



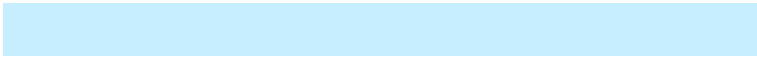
1.8441, 1.2589, 0.1458

Inverse Universe

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



66.1107, 73.0230, 93.8299



72.0177, 80.2305, 106.2980



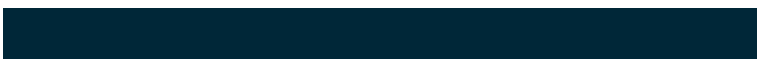
60.4743, 61.7502, 91.9511



15.8082, 17.0506, 20.1795



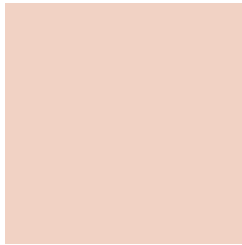
16.1298, 18.4838, 47.8455



1.4300, 1.7141, 4.0097

Previews

White Background



This preview shows how the XYZ color 69.2860, 68.7795, 61.8486 looks on a white background.

Color Contrast Check

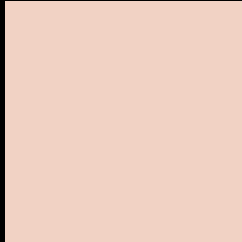
Large Text (above 18pt) WCAG AA × Fail

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 69.2860, 68.7795, 61.8486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

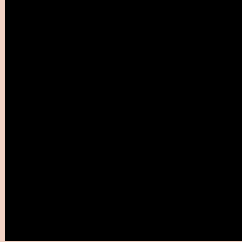
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2860, 68.7795, 61.8486

Background



This preview shows how black text looks on a background with the XYZ color 69.2860, 68.7795, 61.8486.



This preview shows how white text looks on a background with the XYZ color 69.2860, 68.7795,

61.8486.

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

69.2860, 68.7795, 61.8486

Protanopia

65.6051, 69.0825, 63.9093

Deuteranopia

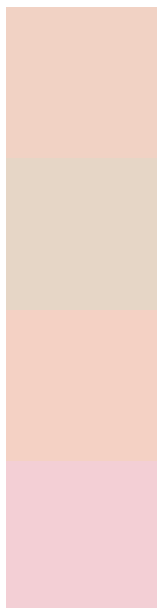
70.4205, 68.9989, 61.8311



Tritanopia

72.5643, 68.6496, 78.5334

Trichromacy



Original Color

69.2860, 68.7795, 61.8486

Protanomaly

66.8727, 68.9933, 63.2186

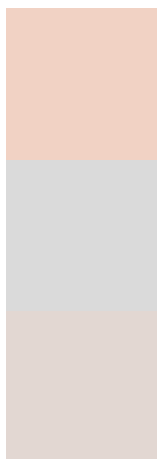
Deuteranomaly

70.0725, 68.8195, 61.8148

Tritanomaly

71.2852, 68.4844, 72.4125

Monochromacy



Original Color

69.2860, 68.7795, 61.8486

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.2973, 69.4228, 70.8258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2860, 68.7795, 61.8486 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(241, 210, 196)` looks like.

```
.text, #text, p{  
    color:rgb(241, 210, 196)  
}
```

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(241, 210, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 210, 196) }
```

Border

The CSS property to change the border of an element to XYZ 69.2860, 68.7795, 61.8486 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(241, 210, 196) }
```


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

```
.border{ border-color:rgb(241, 210, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 210, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 210, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 210, 196);  
box-shadow:4px 4px 4px 4px rgb(241, 210,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2860, 68.7795, 61.8486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 210, 196) }
```

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

```
.background{ background-color: rgb(241,  
210, 196) }
```

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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