

Converting Colors

XYZ(66.3281, 67.9648, 69.5545)

Have a look what the booklet for
XYZ(66.3281, 67.9648, 69.5545)
contains.

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Color

**XYZ(66.2927, 67.8098,
69.2691)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D4D0
RGB	226, 212, 208
RGB Percent	89%, 83%, 82%
CMY	0.1137, 0.1686, 0.1843
CMYK	0.00, 0.06, 0.08, 0.11
HSL	13°, 24%, 85%
HSV	13°, 8%, 89%
XYZ	66.2927, 67.8098, 69.2691
YIQ	215.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

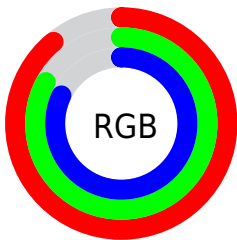
Format	Color
R _Y B	226, 213, 208
Decimal	14865616
CIE Lab	85.91, 4.14, 3.70
CIE LCh	86, 5.554, 41.741
Yxy	67.8098, 0.3260, 0.3334
Android (android.graphics.Color)	4293055696 (0xFFE2D4D0)
YUV	215.7300, -3.8109, 9.0068
Hunter-Lab	82.3467, -0.4064, 7.7686

Details

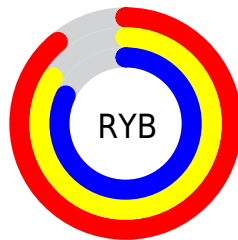
The XYZ color **66.2927, 67.8098, 69.2691** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8610, 71.1422, 82.2129**, and the grayscale version is **65.1087, 68.4994, 74.5958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6843, 35.1050, 35.5197** is the 20% darker color. If you saturate the color by 10%, you get **59.5520, 58.4651, 54.2676**, and if you desaturate by 10%, it is **73.9116, 78.2751, 86.5197**.

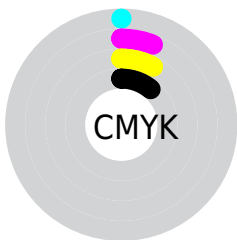
Distribution



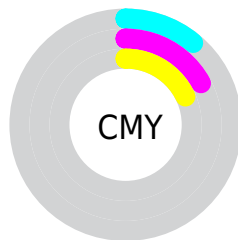
- Red (89%)
- Green (83%)
- Blue (82%)



- Red (89%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2927, 67.8098, 69.2691 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 66.2927, 67.8098, 69.2691 by changing the saturation by 10% instead.

■ 66.2927, 67.8098,
69.2691

■ 66.2927, 67.8098,
69.2691

436.8951,
452.8218, 476.6991

■ 48.7786, 49.7430,
50.4578

112.9617,
116.0800, 119.8372

■ 34.6577, 35.2092,
35.4035

142.8474,
147.0522, 152.4310

■ 23.5646, 23.8241,
23.6879

177.5877,
183.0950, 190.4561

■ 15.1339, 15.2032,
14.8922

217.5479,
224.5928, 234.3309

■ 9.0004, 8.9621,
8.5980

263.0933,
271.9300, 284.4741

■ 4.7985, 4.7165,
4.3867

314.5895,

■ 2.1631, 2.0819,

325.4910, 341.3042

1.8398

372.4016,
385.6601, 405.2397

■ 0.7232, 0.6544,
0.4540

■ 0.0000, 0.0000,
0.0000

■ 66.2927, 67.8098,
69.2691

■ 66.2927, 67.8098,
69.2691

■ 59.5520, 58.4651,
54.2676

■ 73.9116, 78.2751,
86.5197

■ 53.6519, 50.1951,
41.4179

■ 82.4332, 89.8876,
106.1025

■ 48.5604, 42.9634,
30.6221

■ 85.1744, 94.9089,
108.4378

■ 44.2413, 36.7285,
21.7730

■ 40.6554, 31.4459,
14.7536

■ 37.7600, 27.0677,
9.4341

■ 35.5078, 23.5416,
5.6676

■ 33.8448, 20.8095,
3.2819

■ 32.7018, 18.8034,
2.0380

Harmonies

Analogous

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



66.8746, 67.8098, 72.4176



66.2927, 67.8098, 69.2691



65.2202, 67.8098, 67.3816

Triad

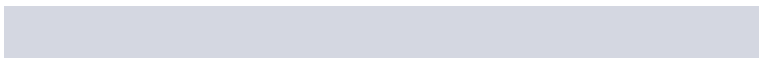
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.2927, 67.8098, 69.2691



62.1572, 67.8098, 71.6613



64.9500, 67.8098, 80.9031

Complementary

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



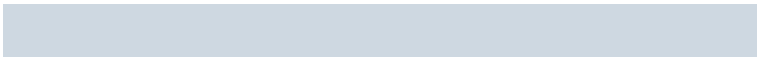
66.2927, 67.8098, 69.2691



65.8610, 71.1422, 82.2129

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.



63.6882, 67.8098, 80.6843



66.2927, 67.8098, 69.2691



62.0870, 67.8098, 75.2674

Square

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



66.2927, 67.8098, 69.2691



62.8371, 67.8098, 68.7311



62.6441, 67.8098, 78.5938



66.0926, 67.8098, 79.1821

Rectangle

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



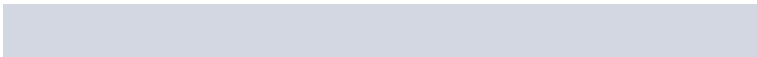
66.2927, 67.8098, 69.2691



64.3769, 67.8098, 67.0535



62.6441, 67.8098, 78.5938



64.5255, 67.8098, 81.0555

Sweetspot

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



66.2946, 67.8128, 69.2706



92.9876, 97.1718, 104.2153



67.1190, 66.5608, 78.4884



19.9248, 20.8284, 22.3554



0.0000, 0.0000, 0.0000



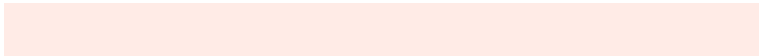
20.3446, 21.4041, 23.3091

Same Dimension

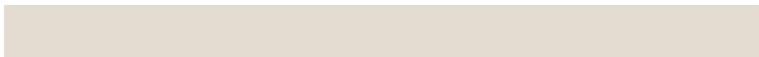
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.2946, 67.8128, 69.2706



85.2105, 86.4605, 86.6928



68.5801, 72.3838, 70.0324



13.9533, 14.1925, 14.3108



18.6233, 10.6845, 1.0808



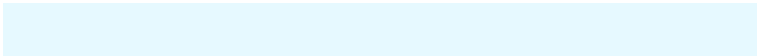
1.3574, 0.8736, 0.0971

Inverse Universe

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



65.8610, 71.1422, 82.2129



84.4999, 91.9145, 107.8954



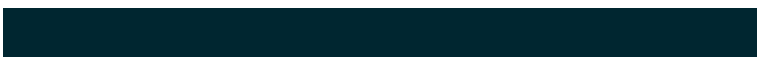
63.5602, 66.5407, 81.4460



13.8444, 15.0280, 17.5587



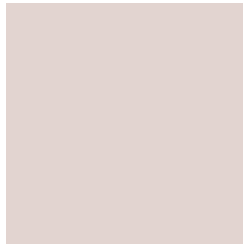
16.7503, 20.9702, 44.2132



1.2255, 1.5825, 3.0861

Previews

White Background



This preview shows how the XYZ color 66.2927, 67.8098, 69.2691 looks on a white background.

Color Contrast Check

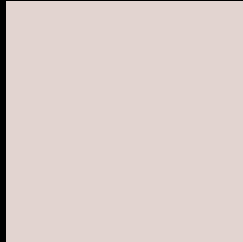
Large Text (above 18pt) WCAG AA × Fail

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 66.2927, 67.8098, 69.2691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

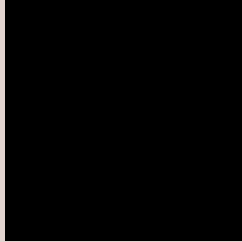
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

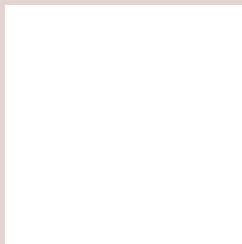
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2927, 67.8098, 69.2691

Background



This preview shows how black text looks on a background with the XYZ color 66.2927, 67.8098, 69.2691.



This preview shows how white text looks on a background with the XYZ color 66.2927, 67.8098,

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

66.2927, 67.8098, 69.2691

Protanopia

65.0704, 67.9122, 70.0004

Deuteranopia

69.3244, 67.8923, 69.7723



Tritanopia

68.8410, 67.7499, 81.4002

Trichromacy



Original Color

66.2927, 67.8098, 69.2691

Protanomaly

65.4271, 67.7215, 69.9448

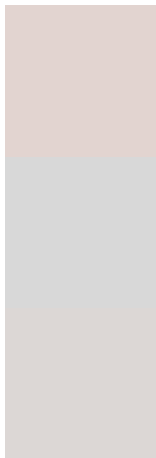
Deuteranomaly

68.2408, 67.6968, 69.7917

Tritanomaly

67.8277, 67.7016, 76.5107

Monochromacy



Original Color

66.2927, 67.8098, 69.2691

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.8259, 68.6206, 72.7265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2927, 67.8098, 69.2691 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, 212, 208) looks like.

```
.text, #text, p{  
    color:rgb(226, 212, 208)  
}
```

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, 212, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 212, 208) }
```

Border

The CSS property to change the border of an element to XYZ 66.2927, 67.8098, 69.2691 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, 212, 208) }
```


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

```
.border{ border-color:rgb(226, 212, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 212, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 212, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 212, 208);  
box-shadow:4px 4px 4px 4px rgb(226, 212,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2927, 67.8098, 69.2691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 212, 208) }
```

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

```
.background{ background-color: rgb(226,  
212, 208) }
```

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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