

Converting Colors

XYZ(67.9712, 71.0950, 76.5127)

Have a look what the booklet for
XYZ(67.9712, 71.0950, 76.5127)
contains.

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Color

**XYZ(68.1106, 71.2546,
76.4934)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDBDA
RGB	222, 219, 218
RGB Percent	87%, 86%, 85%
CMY	0.1294, 0.1412, 0.1451
CMYK	0.00, 0.01, 0.02, 0.13
HSL	15°, 6%, 86%
HSV	15°, 2%, 87%
XYZ	68.1106, 71.2546, 76.4934
YIQ	219.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

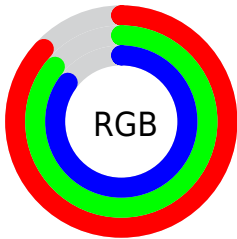
Format	Color
R _Y B	222, 219, 218
Decimal	14605274
CIE Lab	87.61, 0.85, 0.84
CIE LCh	88, 1.192, 44.861
Yxy	71.2546, 0.3155, 0.3301
Android (android.graphics.Color)	4292795354 (0xFFDEDBDA)
YUV	219.7830, -0.8790, 1.9443
Hunter-Lab	84.4124, -3.6939, 5.3609

Details

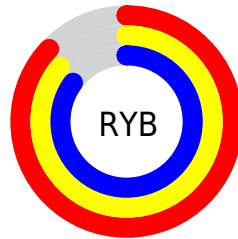
The XYZ color **68.1106, 71.2546, 76.4934** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9547, 71.8913, 79.4029**, and the grayscale version is **67.8829, 71.4180, 77.7743**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8227, 37.4108, 39.9833** is the 20% darker color. If you saturate the color by 10%, you get **61.2748, 61.9243, 60.8292**, and if you desaturate by 10%, it is **75.7730, 81.6135, 94.3546**.

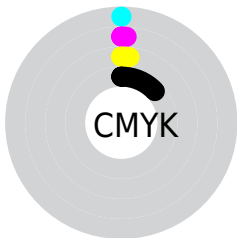
Distribution



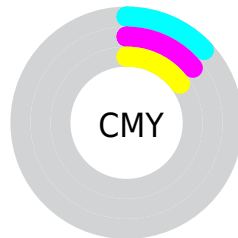
- Red (87%)
- Green (86%)
- Blue (85%)



- Red (87%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.1106, 71.2546, 76.4934 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 68.1106, 71.2546, 76.4934 by changing the saturation by 10% instead.

■ 68.1106, 71.2546,
76.4934

■ 68.1106, 71.2546,
76.4934

443.2584,
464.9430, 502.4267

■ 50.2617, 52.5500,
56.3281

115.5514,
120.9962, 130.1906

■ 35.8400, 37.4437,
40.0603

145.8740,
152.8019, 164.5596

■ 24.4802, 25.5512,
27.2714

181.0853,
189.7435, 204.5002

■ 15.8169, 16.4882,
17.5429

221.5505,
232.2054, 250.4310

■ 9.4847, 9.8703,
10.4563

267.6351,
280.5718, 302.7705

■ 5.1183, 5.3130,
5.5930

319.7043,

■ 2.3523, 2.4321,

335.2273, 361.9373

2.5345

378.1236,
396.5562, 428.3498

■ 0.8212, 0.8423,
0.8583

■ 0.0000, 0.0000,
0.0000

■ 68.1106, 71.2546,
76.4934

■ 68.1106, 71.2546,
76.4934

■ 61.2748, 61.9243,
60.8292

■ 75.7730, 81.6135,
94.3546

■ 55.2316, 53.5819,
47.2723

■ 83.0676, 92.5358,
108.0908

■ 49.9533, 46.1975,
35.7335

■ 83.9346, 94.2698,
108.3798

■ 45.4084, 39.7361,
26.1156

■ 41.5632, 34.1608,
18.3132

■ 38.3810, 29.4317,
12.2109

■ 35.8217, 25.5062,
7.6795

■ 33.8403, 22.3374,
4.5714

■ 32.3849, 19.8732,
2.7099

Harmonies

Analogous

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



68.2510, 71.2546, 77.1864



68.1106, 71.2546, 76.4934



67.8671, 71.2546, 76.0941

Triad

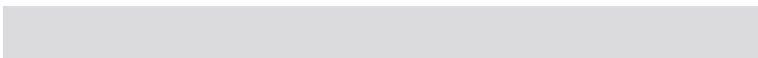
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.1106, 71.2546, 76.4934



67.2031, 71.2546, 77.1791



67.8646, 71.2546, 79.0955

Complementary

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



68.1106, 71.2546, 76.4934



67.9547, 71.8913, 79.4029

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.



67.5838, 71.2546, 79.0935



68.1106, 71.2546, 76.4934



67.2024, 71.2546, 77.9833

Square

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



68.1106, 71.2546, 76.4934



67.3434, 71.2546, 76.4881



67.3416, 71.2546, 78.6852



68.1087, 71.2546, 78.6906

Rectangle

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



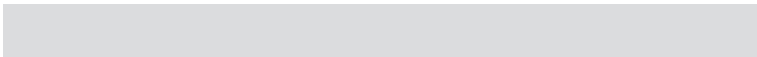
68.1106, 71.2546, 76.4934



67.6794, 71.2546, 76.0464



67.3416, 71.2546, 78.6852



67.7713, 71.2546, 79.1425

Sweetspot

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



68.1126, 71.2577, 76.4949



94.0358, 98.6242, 106.5499



68.2477, 70.8940, 78.4944



20.1382, 21.1242, 22.8308



0.0000, 0.0000, 0.0000



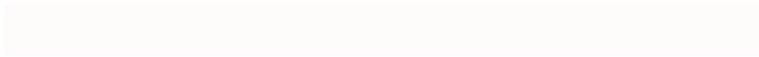
20.3446, 21.4041, 23.3091

Same Dimension

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



68.1126, 71.2577, 76.4949



93.0330, 97.2627, 104.2305



68.6365, 72.3055, 76.6696



15.1518, 15.8469, 16.9995



18.7997, 11.0374, 1.1396



1.3737, 0.9062, 0.1025

Inverse Universe

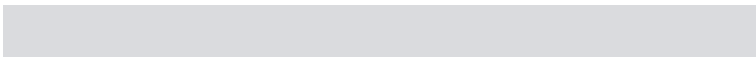
The Inverse Universe completely reimagines the original color for something new.



67.9547, 71.8913, 79.4029



92.7916, 98.2316, 108.6777



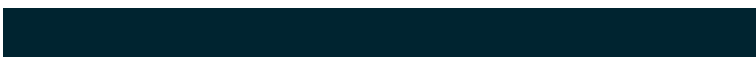
67.4308, 70.8435, 79.2283



15.1149, 15.9948, 17.6784



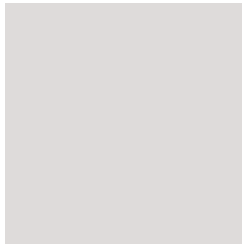
16.0548, 19.5791, 43.9813



1.1826, 1.4966, 3.0718

Previews

White Background



This preview shows how the XYZ color 68.1106, 71.2546, 76.4934 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 68.1106, 71.2546, 76.4934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

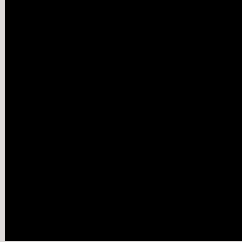
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

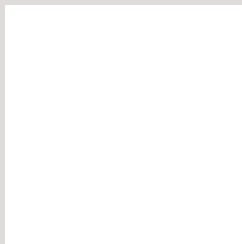
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.1106, 71.2546, 76.4934

Background



This preview shows how black text looks on a background with the XYZ color 68.1106, 71.2546, 76.4934.

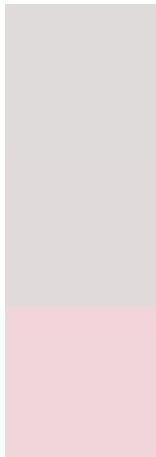


This preview shows how white text looks on a background with the XYZ color 68.1106, 71.2546,

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

68.1106, 71.2546, 76.4934

Protanopia

68.4668, 71.0521, 76.4355

Deuteranopia

72.8561, 71.4037, 76.9602



Tritanopia

70.4046, 71.4135, 87.9154

Trichromacy



Original Color

68.1106, 71.2546, 76.4934

Protanomaly

68.1577, 70.8927, 76.4210

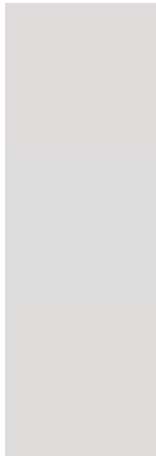
Deuteranomaly

71.0183, 71.2078, 77.0192

Tritanomaly

69.5064, 71.4322, 83.5232

Monochromacy



Original Color

68.1106, 71.2546, 76.4934

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.1982, 71.6730, 77.2577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1106, 71.2546, 76.4934 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(222, 219, 218) looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 218)  
}
```

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(222, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 218) }
```

Border

The CSS property to change the border of an element to XYZ 68.1106, 71.2546, 76.4934 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(222, 219, 218) }
```


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

```
.border{ border-color:rgb(222, 219, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 219, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 218);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1106, 71.2546, 76.4934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 219, 218) }
```

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

```
.background{ background-color: rgb(222,  
219, 218) }
```

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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