

Converting Colors

XYZ(67.0134, 70.5009, 76.3438)

Have a look what the booklet for
XYZ(67.0134, 70.5009, 76.3438)
contains.

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Color

**XYZ(67.1998, 70.7851,
76.4507)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDBDA
RGB	219, 219, 218
RGB Percent	86%, 86%, 85%
CMY	0.1412, 0.1412, 0.1451
CMYK	0.00, 0.00, 0.00, 0.14
HSL	60°, 1%, 86%
HSV	60°, 0%, 86%
XYZ	67.1998, 70.7851, 76.4507
YIQ	218.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

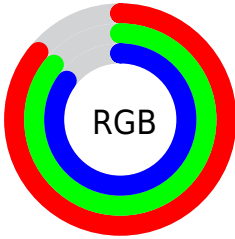
Format	Color
R _Y B	218, 219, 218
Decimal	14408666
CIE Lab	87.38, -0.18, 0.48
CIE LCh	87, 0.512, 110.012
Yxy	70.7851, 0.3134, 0.3301
Android (android.graphics.Color)	4292598746 (0xFFDBDBDA)
YUV	218.8860, -0.4368, 0.1000
Hunter-Lab	84.1339, -4.6620, 5.0181

Details

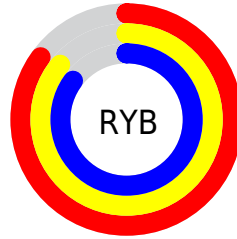
The XYZ color **67.1998, 70.7851, 76.4507** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7738, 70.1646, 77.0453**, and the grayscale version is **67.2574, 70.7601, 77.0577**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1962, 37.0878, 39.9540** is the 20% darker color. If you saturate the color by 10%, you get **64.4949, 69.7023, 62.3394**, and if you desaturate by 10%, it is **70.2874, 72.0255, 92.5595**.

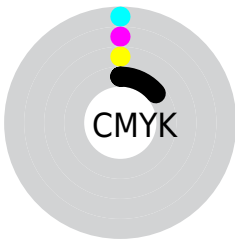
Distribution



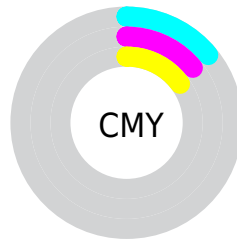
- Red (86%)
- Green (86%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1998, 70.7851, 76.4507 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 67.1998, 70.7851, 76.4507 by changing the saturation by 10% instead.

■ 67.1998, 70.7851,
76.4507

■ 67.1998, 70.7851,
76.4507

440.0769,
463.3018, 502.2770

■ 49.5183, 52.1668,
56.2933

114.2549,
120.3277, 130.1297

■ 35.2470, 37.1381,
40.0325

144.3592,
152.0208, 164.4884

■ 24.0206, 25.3144,
27.2499

179.3351,
188.8410, 204.4179

■ 15.4738, 16.3115,
17.5269

219.5481,
231.1726, 250.3368

■ 9.2410, 9.7448,
10.4450

265.3633,
279.4002, 302.6636

■ 4.9571, 5.2301,
5.5855

317.1464,

■ 2.2566, 2.3829,

333.9079, 361.8169

2.5301

375.2624,
395.0804, 428.2152

■ 0.7723, 0.8171,
0.8560

■ 0.0000, 0.0000,
0.0000

■ 67.1998, 70.7851,
76.4507

■ 67.1998, 70.7851,
76.4507

■ 64.4949, 69.7023,
62.3394

■ 70.2874, 72.0255,
92.5595

■ 62.1521, 68.7620,
50.1435

■ 72.6509, 72.9741,
104.8640

■ 60.1576, 67.9611,
39.7818

■ 72.6781, 72.9880,
104.8653

■ 58.4946, 67.2928,
31.1657

■ 72.7052, 73.0020,
104.8666

■ 57.1449, 66.7497,
24.1991

■ 72.7324, 73.0160,
104.8678

■ 56.0884, 66.3240,
18.7766

■ 72.7595, 73.0300,
104.8691

■ 55.3028, 66.0067,
14.7810

■ 72.7867, 73.0441,
104.8704

■ 54.7628, 65.7876,
12.0780

■ 72.8139, 73.0581,
104.8717

■ 54.4379, 65.6545,
10.5079

■ 72.8411, 73.0721,
104.8729

Harmonies

Analogous

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



67.3193, 70.7851, 76.4208



67.1998, 70.7851, 76.4507



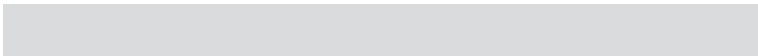
67.1016, 70.7851, 76.6470

Triad

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



67.1998, 70.7851, 76.4507



67.1302, 70.7851, 77.5828



67.5077, 70.7851, 77.1882

Complementary

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



67.1998, 70.7851, 76.4507



66.7738, 70.1646, 77.0453

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.



67.4569, 70.7851, 77.5004



67.1998, 70.7851, 76.4507



67.2389, 70.7851, 77.7287

Square

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



67.1998, 70.7851, 76.4507



67.0615, 70.7851, 77.3004



67.3585, 70.7851, 77.6985



67.4972, 70.7851, 76.8459

Rectangle

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



67.1998, 70.7851, 76.4507



67.0615, 70.7851, 76.8462



67.3585, 70.7851, 77.6985



67.4972, 70.7851, 77.3001

Sweetspot

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



67.2018, 70.7881, 76.4522

95.0500, 100.0000, 108.9000



66.9419, 70.2665, 76.3653



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



67.2018, 70.7881, 76.4522



94.6382, 99.8349, 106.7519



67.0522, 70.7110, 76.4452



14.6610, 15.4633, 16.5543



32.1849, 38.8894, 5.8101



2.0868, 2.5203, 0.3765

Inverse Universe

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



66.7738, 70.1646, 77.0453



93.3138, 97.9053, 108.5872



66.9229, 70.2415, 77.0523



14.4690, 15.1837, 16.8203



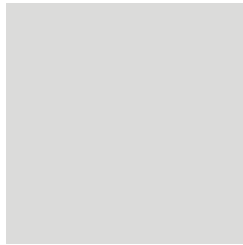
7.5905, 3.0372, 39.9246



0.4935, 0.1977, 2.5866

Previews

White Background



This preview shows how the XYZ color 67.1998, 70.7851, 76.4507 looks on a white background.

Color Contrast Check

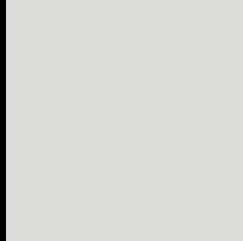
Large Text (above 18pt) WCAG AA × Fail

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 67.1998, 70.7851, 76.4507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

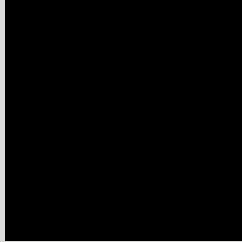
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

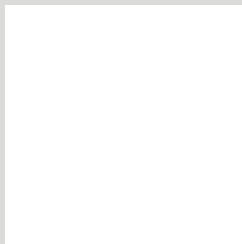
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1998, 70.7851, 76.4507

Background



This preview shows how black text looks on a background with the XYZ color 67.1998, 70.7851, 76.4507.

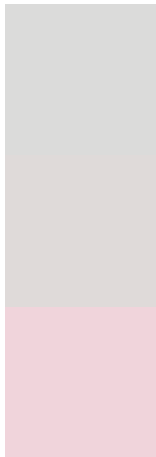


This preview shows how white text looks on a background with the XYZ color 67.1998, 70.7851, 76.4507.

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

67.1998, 70.7851, 76.4507

Protanopia

68.0272, 70.8405, 75.7338

Deuteranopia

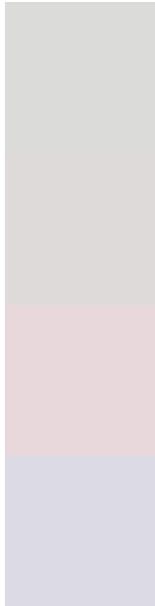
72.2648, 70.7267, 76.8607



Tritanopia

69.4829, 70.9384, 87.8722

Trichromacy



Original Color

67.1998, 70.7851, 76.4507

Protanomaly

67.7200, 70.6822, 75.7194

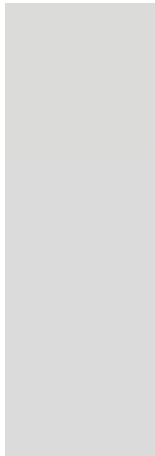
Deuteranomaly

70.3653, 70.8712, 76.9887

Tritanomaly

68.5902, 70.9599, 83.4803

Monochromacy



Original Color

67.1998, 70.7851, 76.4507

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.3311, 70.8376, 77.1421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1998, 70.7851, 76.4507 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(219, 219, 218) looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 219, 218) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 67.1998, 70.7851, 76.4507 is called "border". The border property can be set on classes, ids or directly on the HTML element.

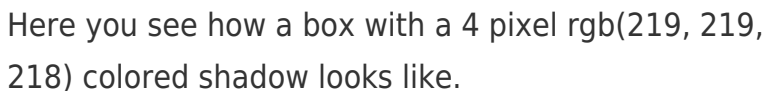
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 219, 218) }
```

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

```
.border{ border-color:rgb(219, 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(219, 219, 218)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 67.1998, 70.7851, 76.4507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(219,  
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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