

Converting Colors

XYZ(67.0185, 71.9553, 76.1801)

Have a look what the booklet for
XYZ(67.0185, 71.9553, 76.1801)
contains.

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Color

**XYZ(66.9646, 71.8512,
75.9849)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DED9
RGB	216, 222, 217
RGB Percent	85%, 87%, 85%
CMY	0.1529, 0.1294, 0.1490
CMYK	0.03, 0.00, 0.02, 0.13
HSL	130°, 8%, 86%
HSV	130°, 3%, 87%
XYZ	66.9646, 71.8512, 75.9849
YIQ	219.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

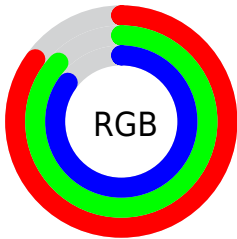
Format	Color
R _Y B	216, 221, 222
Decimal	14212825
CIE Lab	87.90, -2.92, 1.73
CIE LCh	88, 3.397, 149.322
Yxy	71.8512, 0.3118, 0.3345
Android (android.graphics.Color)	4292402905 (0xFFD8DED9)
YUV	219.6360, -1.2995, -3.1888
Hunter-Lab	84.7651, -7.3235, 6.1870

Details

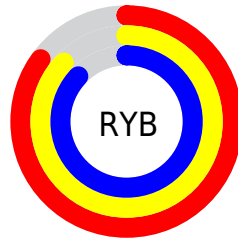
The XYZ color **66.9646, 71.8512, 75.9849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7339, 69.8637, 78.3253**, and the grayscale version is **67.7853, 71.3154, 77.6625**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0382, 37.8231, 39.6363** is the 20% darker color. If you saturate the color by 10%, you get **58.5704, 67.7886, 63.7257**, and if you desaturate by 10%, it is **76.5189, 76.4848, 89.7100**.

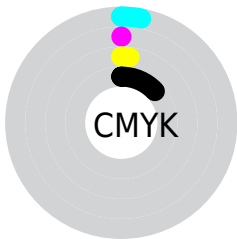
Distribution



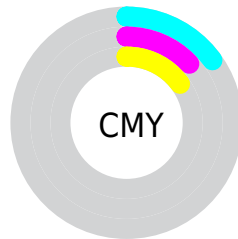
- Red (85%)
- Green (87%)
- Blue (85%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9646, 71.8512, 75.9849 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 66.9646, 71.8512, 75.9849 by changing the saturation by 10% instead.

■ 66.9646, 71.8512,
75.9849

■ 66.9646, 71.8512,
75.9849

439.2532,
467.0235, 500.6415

■ 49.3264, 53.0371,
55.9135

113.9198,
121.8450, 129.4655

■ 35.0941, 37.8324,
39.7301

143.9675,
153.7934, 163.7117

■ 23.9022, 25.8526,
27.0160

178.8824,
190.8888, 203.5201

■ 15.3855, 16.7134,
17.3527

219.0300,
233.5155, 249.3090

■ 9.1784, 10.0304,
10.3216

264.7755,
282.0580, 301.4971

■ 4.9158, 5.4191,
5.5044

316.4843,

■ 2.2322, 2.4952,

336.9005, 360.5028

2.4823

374.5217,
398.4276, 426.7448

■ 0.7596, 0.8742,
0.8307

■ 0.0000, 0.0000,
0.0000

■ 66.9646, 71.8512,
75.9849

■ 66.9646, 71.8512,
75.9849

■ 58.5704, 67.7886,
63.7257

■ 76.5189, 76.4848,
89.7100

■ 51.2862, 64.2659,
52.8793

■ 85.2532, 80.6615,
104.8480

■ 45.0668, 61.2632,
43.3962

■ 85.4126, 80.7253,
105.6875

■ 39.8620, 58.7555,
35.2226

■ 35.6172, 56.7161,
28.3007

■ 32.2729, 55.1154,
22.5687

■ 29.7625, 53.9207,
17.9593

■ 28.0102, 53.0943,
14.3986

■ 26.9257, 52.5916,
11.8037

Harmonies

Analogous

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



67.5342, 71.8512, 74.4172



66.9646, 71.8512, 75.9849



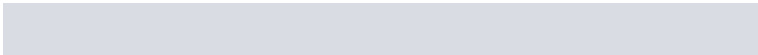
66.7503, 71.8512, 78.1811

Triad

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



66.9646, 71.8512, 75.9849



68.2740, 71.8512, 82.7689



69.6563, 71.8512, 76.0744

Complementary

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



66.9646, 71.8512, 75.9849



67.7339, 69.8637, 78.3253

Split Complementary

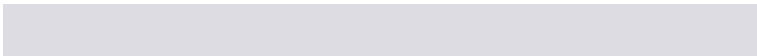
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.8581, 71.8512, 78.2864



66.9646, 71.8512, 75.9849



69.0563, 71.8512, 82.1786

Square

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



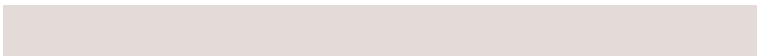
66.9646, 71.8512, 75.9849



67.5026, 71.8512, 82.1242



69.6377, 71.8512, 80.5265



69.0884, 71.8512, 74.4682

Rectangle

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



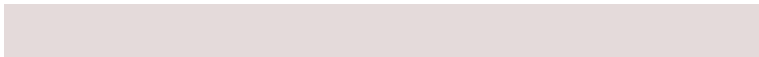
66.9646, 71.8512, 75.9849



66.8364, 71.8512, 79.7156



69.6377, 71.8512, 80.5265



69.7694, 71.8512, 76.7704

Sweetspot

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



66.9666, 71.8543, 75.9865



93.7777, 99.3834, 107.0642



68.3682, 72.5918, 75.3751



20.0857, 21.2786, 22.9355



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.



66.9666, 71.8543, 75.9865



91.2816, 98.1740, 103.4539



67.3476, 72.0067, 77.9925



14.6969, 15.8952, 16.6094



15.7411, 31.1213, 6.3597



1.1197, 2.1686, 0.5913

Inverse Universe

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



67.7339, 69.8637, 78.3253



92.4534, 95.1340, 107.0258



67.3504, 69.7103, 76.3060



14.9340, 15.2800, 17.3321



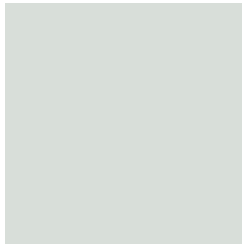
23.1318, 11.3197, 28.4235



1.6298, 0.7952, 2.1092

Previews

White Background



This preview shows how the XYZ color 66.9646, 71.8512, 75.9849 looks on a white background.

Color Contrast Check

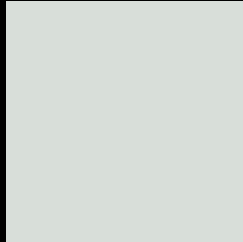
Large Text (above 18pt) WCAG AA × Fail

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 66.9646, 71.8512, 75.9849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

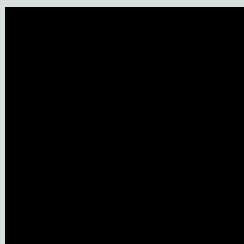
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

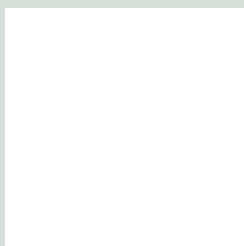
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9646, 71.8512, 75.9849

Background



This preview shows how black text looks on a background with the XYZ color 66.9646, 71.8512, 75.9849.



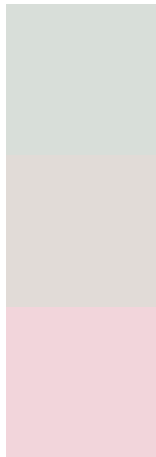
This preview shows how white text looks on a background with the XYZ color 66.9646, 71.8512,

75.9849.

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

66.9646, 71.8512, 75.9849

Protanopia

68.6486, 71.5769, 74.4875

Deuteranopia

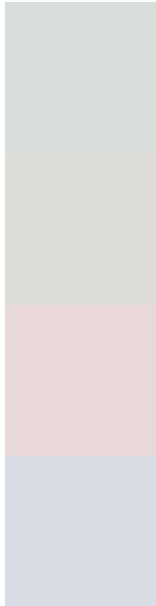
73.1984, 71.5802, 76.9762



Tritanopia

69.6853, 71.7792, 89.5389

Trichromacy



Original Color

66.9646, 71.8512, 75.9849

Protanomaly

68.1121, 71.6739, 75.2103

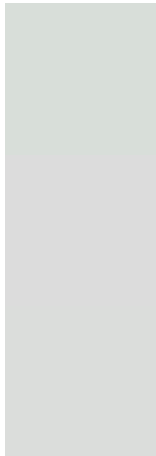
Deuteranomaly

70.8150, 71.4973, 76.3977

Tritanomaly

68.6495, 71.7490, 84.3595

Monochromacy



Original Color

66.9646, 71.8512, 75.9849

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.8561, 71.8874, 77.3171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9646, 71.8512, 75.9849 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(216, 222, 217) looks like.

```
.text, #text, p{  
    color:rgb(216, 222, 217)  
}
```

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(216, 222, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 222, 217) }
```

Border

The CSS property to change the border of an element to XYZ 66.9646, 71.8512, 75.9849 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(216, 222, 217) }
```


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

```
.border{ border-color:rgb(216, 222, 217) }
```

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

Here you see how a box with a 4 pixel rgb(216, 222, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 222, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 222, 217);  
box-shadow:4px 4px 4px 4px rgb(216, 222,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9646, 71.8512, 75.9849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 222, 217) }
```

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

```
.background{ background-color: rgb(216,  
222, 217) }
```

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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