

Converting Colors

XYZ(66.2118, 67.9104, 75.8268)

Have a look what the booklet for
XYZ(66.2118, 67.9104, 75.8268)
contains.

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Color

**XYZ(66.2679, 68.0226,
75.9666)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD5DA
RGB	221, 213, 218
RGB Percent	87%, 84%, 85%
CMY	0.1333, 0.1647, 0.1451
CMYK	0.00, 0.04, 0.01, 0.13
HSL	323°, 11%, 85%
HSV	323°, 4%, 87%
XYZ	66.2679, 68.0226, 75.9666
YIQ	215.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

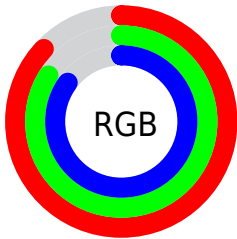
Format	Color
R _Y B	221, 213, 218
Decimal	14538202
CIE Lab	86.02, 3.63, -1.49
CIE LCh	86, 3.925, 337.649
Yxy	68.0226, 0.3152, 0.3235
Android (android.graphics.Color)	4292728282 (0xFFDDD5DA)
YUV	215.9620, 1.0047, 4.4183
Hunter-Lab	82.4758, -0.9110, 3.1224

Details

The XYZ color **66.2679, 68.0226, 75.9666** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6942, 70.8186, 75.1762**, and the grayscale version is **65.2379, 68.6353, 74.7439**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5636, 35.2051, 39.6239** is the 20% darker color. If you saturate the color by 10%, you get **60.0261, 57.2313, 68.6666**, and if you desaturate by 10%, it is **73.3254, 80.3565, 83.8080**.

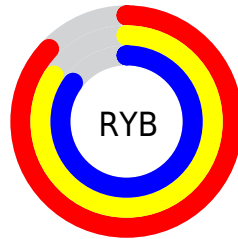
Distribution



Red (87%)

Green (84%)

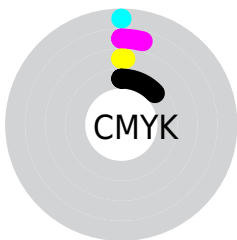
Blue (85%)



Red (87%)

Yellow (84%)

Blue (85%)

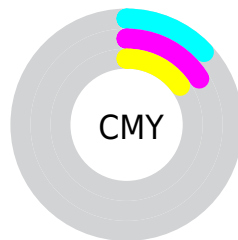


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2679, 68.0226, 75.9666 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 66.2679, 68.0226, 75.9666 by changing the saturation by 10% instead.

■ 66.2679, 68.0226,
75.9666

■ 66.2679, 68.0226,
75.9666

436.8079,
453.5761, 500.5771

■ 48.7584, 49.9161,
55.8986

112.9264,
116.3845, 129.4393

■ 34.6416, 35.3468,
39.7182

142.8060,
147.4087, 163.6812

■ 23.5522, 23.9301,
27.0068

177.5398,
183.5075, 203.4848

■ 15.1247, 15.2818,
17.3458

217.4931,
225.0655, 249.2686

■ 8.9938, 9.0174,
10.3168

263.0312,
272.4669, 301.4512

■ 4.7942, 4.7525,
5.5012

314.5194,

■ 2.1606, 2.1028,

326.0962, 360.4511

2.4804

372.3232,
386.3378, 426.6869

■ 0.7218, 0.6662,
0.8297

■ 0.0000, 0.0000,
0.0000

■ 66.2679, 68.0226,
75.9666

■ 66.2679, 68.0226,
75.9666

■ 60.0261, 57.2313,
68.6666

■ 73.3254, 80.3565,
83.8080

■ 54.5629, 47.9126,
61.8892

■ 80.5146, 92.8665,
91.9641

■ 49.8469, 40.0041,
55.6209

■ 81.7381, 93.3559,
98.4069

■ 45.8425, 33.4356,
49.8457

■ 83.0181, 93.8679,
105.1476

■ 42.5108, 28.1308,
44.5466

■ 83.6292, 94.1124,
108.3655

■ 39.8091, 24.0057,
39.7050

■ 37.6895, 20.9660,
35.3006

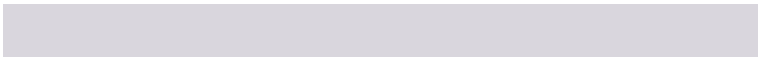
■ 36.0968, 18.9027,
31.3105

■ 34.9643, 17.6839,
27.7079

Harmonies

Analogous

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



65.7167, 68.0226, 78.0606



66.2679, 68.0226, 75.9666



66.3845, 68.0226, 73.4070

Triad

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



66.2679, 68.0226, 75.9666



64.4233, 68.0226, 69.2588



63.2923, 68.0226, 77.1351

Complementary

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



66.2679, 68.0226, 75.9666



65.6942, 70.8186, 75.1762

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.



62.9527, 68.0226, 74.7270



66.2679, 68.0226, 75.9666



63.6017, 68.0226, 70.2082

Square

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



66.2679, 68.0226, 75.9666



65.3140, 68.0226, 69.5733



63.0654, 68.0226, 72.1955



63.9973, 68.0226, 78.7461

Rectangle

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



66.2679, 68.0226, 75.9666



66.1992, 68.0226, 71.7879



63.0654, 68.0226, 72.1955



63.1320, 68.0226, 76.3898

Sweetspot

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



66.2698, 68.0255, 75.9681



94.0882, 98.3223, 107.8214



65.1472, 67.4010, 77.9836



20.1489, 21.0627, 23.0896



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.



66.2698, 68.0255, 75.9681



91.2718, 93.4198, 104.6313



65.7615, 67.8222, 73.2911



14.0393, 14.3010, 16.0945



20.0474, 10.0200, 15.1613



1.3400, 0.6657, 1.1996

Inverse Universe

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



66.2698, 68.0255, 75.9681



91.2718, 93.4198, 104.6313



66.2086, 71.0244, 77.8846



14.0393, 14.3010, 16.0945



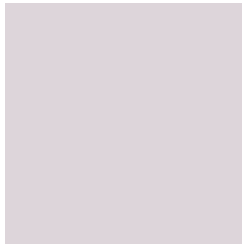
20.0474, 10.0200, 15.1613



1.3400, 0.6657, 1.1996

Previews

White Background



This preview shows how the XYZ color 66.2679, 68.0226, 75.9666 looks on a white background.

Color Contrast Check

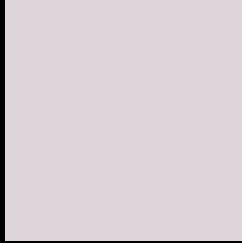
Large Text (above 18pt) WCAG AA × Fail

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 66.2679, 68.0226, 75.9666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

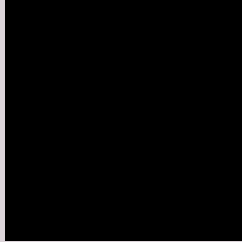
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

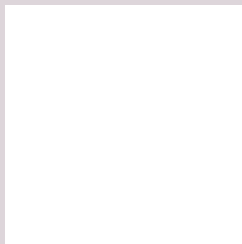
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2679, 68.0226, 75.9666

Background



This preview shows how black text looks on a background with the XYZ color 66.2679, 68.0226, 75.9666.



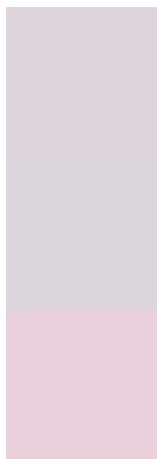
This preview shows how white text looks on a background with the XYZ color 66.2679, 68.0226,

75.9666.

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

66.2679, 68.0226, 75.9666

Protanopia

65.7462, 68.1130, 76.6998

Deuteranopia

69.2737, 67.7186, 76.4377



Tritanopia

67.7293, 67.8779, 82.9308

Trichromacy



Original Color

66.2679, 68.0226, 75.9666

Protanomaly

66.0462, 68.2677, 76.7138

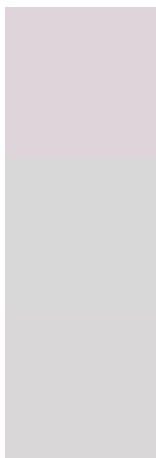
Deuteranomaly

68.1459, 67.8657, 76.5255

Tritanomaly

67.1222, 67.9984, 80.1083

Monochromacy



Original Color

66.2679, 68.0226, 75.9666

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.7383, 68.5161, 75.4058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2679, 68.0226, 75.9666 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(221, 213, 218) looks like.

```
.text, #text, p{  
    color:rgb(221, 213, 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(221, 213, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 213, 218) }
```

Border

The CSS property to change the border of an element to XYZ 66.2679, 68.0226, 75.9666 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(221, 213, 218) }
```


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

```
.border{ border-color:rgb(221, 213, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 213, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 213, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 213, 218);  
box-shadow:4px 4px 4px 4px rgb(221, 213,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2679, 68.0226, 75.9666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 213, 218) }
```

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

```
.background{ background-color: rgb(221,  
213, 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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