

Converting Colors

XYZ(66.0099, 68.0760, 76.8625)

Have a look what the booklet for
XYZ(66.0099, 68.0760, 76.8625)
contains.

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Color

**XYZ(66.0462, 68.2677,
76.7138)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD6DB
RGB	219, 214, 219
RGB Percent	86%, 84%, 86%
CMY	0.1412, 0.1608, 0.1412
CMYK	0.00, 0.02, 0.00, 0.14
HSL	300°, 6%, 85%
HSV	300°, 2%, 86%
XYZ	66.0462, 68.2677, 76.7138
YIQ	216.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

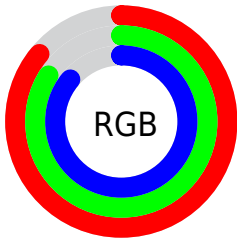
Format	Color
RYB	219, 214, 219
Decimal	14407387
CIELab	86.14, 2.61, -1.86
CIELCh	86, 3.204, 324.482
Yxy	68.2677, 0.3130, 0.3235
Android (android.graphics.Color)	4292597467 (0xFFD6D6DB)
YUV	216.0650, 1.4470, 2.5740
Hunter-Lab	82.6243, -1.9074, 2.7883

Details

The XYZ color **66.0462, 68.2677, 76.7138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2033, 69.8161, 73.6611**, and the grayscale version is **65.3060, 68.7070, 74.8219**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4088, 35.3691, 40.1353** is the 20% darker color. If you saturate the color by 10%, you get **60.8729, 57.9203, 74.9900**, and if you desaturate by 10%, it is **71.9685, 80.1113, 78.6890**.

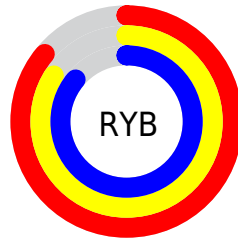
Distribution



Red (86%)

Green (84%)

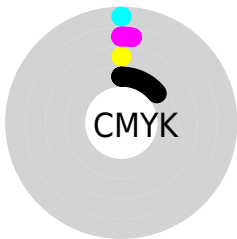
Blue (86%)



Red (86%)

Yellow (84%)

Blue (86%)

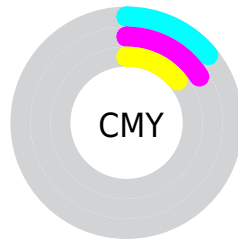


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0462, 68.2677, 76.7138 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 66.0462, 68.2677, 76.7138 by changing the saturation by 10% instead.

■ 66.0462, 68.2677,
76.7138

■ 66.0462, 68.2677,
76.7138

436.0281,
454.4439, 503.1994

■ 48.5778, 50.1156,
56.5078

112.6100,
116.7350, 130.5047

■ 34.4978, 35.5052,
40.2035

142.4361,
147.8190, 164.9268

■ 23.4410, 24.0523,
27.3823

177.1120,
183.9824, 204.9246

■ 15.0419, 15.3724,
17.6256

217.0033,
225.6095, 250.9168

■ 8.9353, 9.0812,
10.5148

262.4752,
273.0848, 303.3218

■ 4.7558, 4.7942,
5.6316

313.8930,

■ 2.1380, 2.1270,

326.7928, 362.5582

2.5572

371.6222,
387.1176, 429.0446

■ 0.7097, 0.6798,
0.8703

■ 0.0000, 0.0000,
0.0000

■ 66.0462, 68.2677,
76.7138

■ 66.0462, 68.2677,
76.7138

■ 60.8729, 57.9203,
74.9900

■ 71.9685, 80.1113,
78.6890

■ 56.4133, 49.0012,
73.5032

■ 77.7603, 91.6949,
80.6198

■ 52.6379, 41.4504,
72.2445

■ 77.7604, 91.6949,
80.6200

■ 49.5128, 35.2002,
71.2026

■ 77.7604, 91.6949,
80.6203

47.0013, 30.1773,
70.3652

77.7605, 91.6950,
80.6205

45.0631, 26.3009,
69.7189

77.7605, 91.6950,
80.6208

43.6529, 23.4807,
69.2486

77.7606, 91.6950,
80.6210

42.7190, 21.6129,
68.9371

77.7606, 91.6950,
80.6212

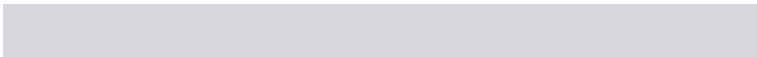
42.1988, 20.5726,
68.7635

77.7607, 91.6950,
80.6215

Harmonies

Analogous

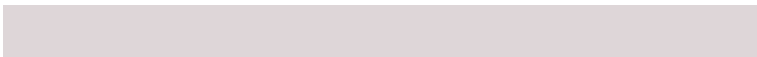
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.4752, 68.2677, 78.0855



66.0462, 68.2677, 76.7138



66.3066, 68.2677, 74.7227

Triad

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



66.0462, 68.2677, 76.7138



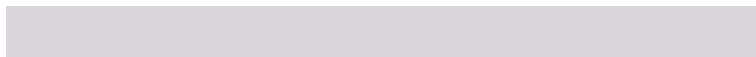
65.0227, 68.2677, 70.3666



63.6057, 68.2677, 76.0258

Complementary

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



66.0462, 68.2677, 76.7138



65.2033, 69.8161, 73.6611

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.



63.4866, 68.2677, 73.9425



66.0462, 68.2677, 76.7138



64.3012, 68.2677, 70.7006

Square

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



66.0462, 68.2677, 76.7138



65.7128, 68.2677, 71.0786



63.7403, 68.2677, 71.9999



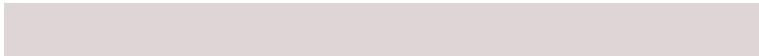
64.0669, 68.2677, 77.6830

Rectangle

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



66.0462, 68.2677, 76.7138



66.2676, 68.2677, 73.3220



63.7403, 68.2677, 71.9999



63.5245, 68.2677, 75.3510

Sweetspot

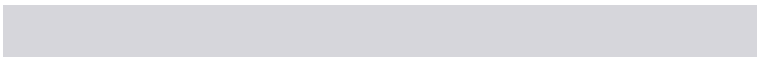
The Sweet Spot groups the original color and five complimentary colors.



66.0481, 68.2706, 76.7153



94.2419, 98.3838, 108.6306



64.5674, 67.5073, 76.6460



20.1802, 21.0752, 23.2543



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.



66.0481, 68.2706, 76.7153



92.6579, 95.2158, 108.1025



65.7216, 68.1400, 74.9959



14.2609, 14.5678, 16.7123



24.9035, 11.9624, 40.7334



1.6134, 0.7750, 2.6389

Inverse Universe

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



66.0481, 68.2706, 76.7153



92.6579, 95.2158, 108.1025



65.5249, 69.9447, 75.3546



14.2609, 14.5678, 16.7123



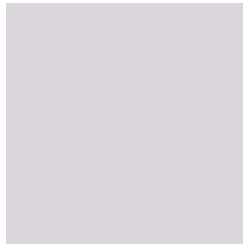
24.9035, 11.9624, 40.7334



1.6134, 0.7750, 2.6389

Previews

White Background



This preview shows how the XYZ color 66.0462, 68.2677, 76.7138 looks on a white background.

Color Contrast Check

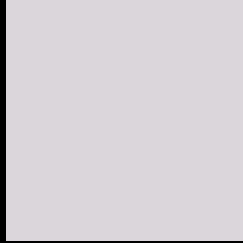
Large Text (above 18pt) WCAG AA × Fail

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 66.0462, 68.2677, 76.7138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

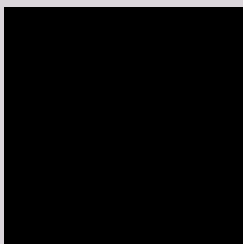
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

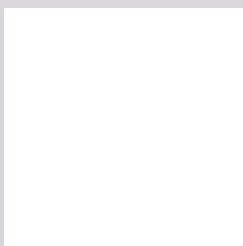
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0462, 68.2677, 76.7138

Background



This preview shows how black text looks on a background with the XYZ color 66.0462, 68.2677, 76.7138.

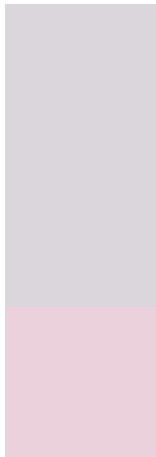


This preview shows how white text looks on a background with the XYZ color 66.0462, 68.2677,

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

66.0462, 68.2677, 76.7138

Protanopia

65.7462, 68.1130, 76.6998

Deuteranopia

69.6504, 68.2607, 77.2148



Tritanopia

67.5051, 68.1163, 83.7186

Trichromacy



Original Color

66.0462, 68.2677, 76.7138

Protanomaly

65.7462, 68.1130, 76.6998

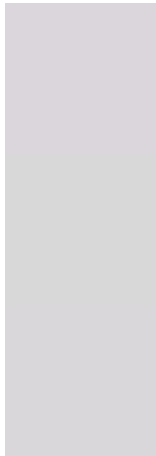
Deuteranomaly

68.5256, 68.4139, 77.3037

Tritanomaly

66.9001, 68.2404, 80.8799

Monochromacy



Original Color

66.0462, 68.2677, 76.7138

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.4401, 68.3623, 75.3918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0462, 68.2677, 76.7138 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, 214, 219) looks like.

```
.text, #text, p{  
    color:rgb(219, 214, 219)  
}
```

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, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 214, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.0462, 68.2677, 76.7138 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, 214, 219) }
```


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

```
.border{ border-color:rgb(219, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(219, 214,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0462, 68.2677, 76.7138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 214, 219) }
```

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

```
.background{ background-color: rgb(219,  
214, 219) }
```

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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