

Converting Colors

XYZ(66.9532, 70.0064, 82.4677)

Have a look what the booklet for
XYZ(66.9532, 70.0064, 82.4677)
contains.

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Color

**XYZ(66.9609, 70.1359,
82.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DAE3
RGB	215, 218, 227
RGB Percent	84%, 85%, 89%
CMY	0.1569, 0.1451, 0.1098
CMYK	0.05, 0.04, 0.00, 0.11
HSL	225°, 18%, 87%
HSV	225°, 5%, 89%
XYZ	66.9609, 70.1359, 82.6814
YIQ	218.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

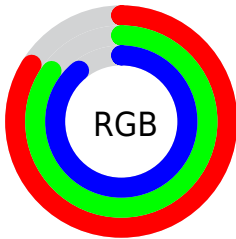
Format	Color
RYP	215, 217, 227
Decimal	14146275
CIELab	87.06, 0.66, -4.77
CIElCh	87, 4.815, 277.912
Yxy	70.1359, 0.3047, 0.3191
Android (android.graphics.Color)	4292336355 (0xFFD7DAE3)
YUV	218.1290, 4.3734, -2.7441
Hunter-Lab	83.7472, -3.8361, 0.0876

Details

The XYZ color **66.9609, 70.1359, 82.6814** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6003, 74.5480, 74.9595**, and the grayscale version is **66.7043, 70.1781, 76.4240**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0408, 36.6465, 44.2564** is the 20% darker color. If you saturate the color by 10%, you get **56.5634, 58.5587, 80.9959**, and if you desaturate by 10%, it is **78.7405, 83.1023, 84.5644**.

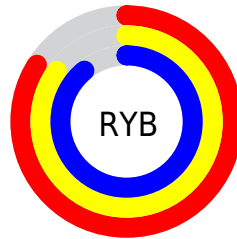
Distribution



Red (84%)

Green (85%)

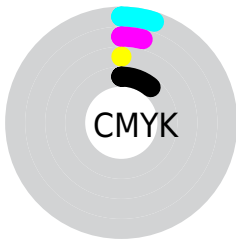
Blue (89%)



Red (84%)

Yellow (85%)

Blue (89%)

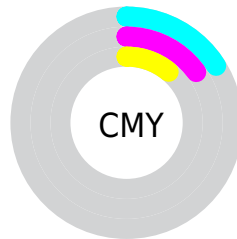


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9609, 70.1359, 82.6814 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 66.9609, 70.1359, 82.6814 by changing the saturation by 10% instead.

■ 66.9609, 70.1359,
82.6814

■ 66.9609, 70.1359,
82.6814

439.2402,
461.0270, 523.8673

■ 49.3234, 51.6373,
61.3883

113.9145,
119.4025, 138.9744

■ 35.0917, 36.7161,
44.1060

143.9613,
150.9394, 174.8113

■ 23.9004, 24.9877,
30.4160

178.8753,
187.5911, 216.3333

■ 15.3841, 16.0679,
19.8999

219.0218,
229.7422, 263.9588

■ 9.1774, 9.5722,
12.1389

264.7662,
277.7769, 318.1064

■ 4.9151, 5.1163,
6.7147

316.4739,

■ 2.2318, 2.3156,

332.0797, 379.1947

3.2086

374.5101,
393.0349, 447.6421

■ 0.7594, 0.7820,
1.2021

■ 0.0000, 0.0000,
0.0000

■ 66.9609, 70.1359,
82.6814

■ 66.9609, 70.1359,
82.6814

■ 56.5634, 58.5587,
80.9959

■ 78.7405, 83.1023,
84.5644

■ 47.4904, 48.3149,
79.4968

■ 89.9294, 96.4542,
86.5518

■ 39.6894, 39.3582,
78.1791

■ 90.8653, 98.3261,
86.8638

■ 33.1015, 31.6360,
77.0358

■ 27.6635, 25.0920,
76.0593

■ 23.3059, 19.6652,
75.2415

■ 19.9514, 15.2890,
74.5736

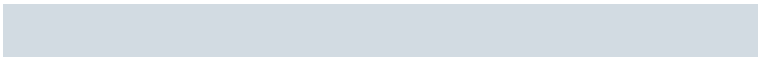
■ 17.5115, 11.8883,
74.0458

■ 15.8801, 9.3766,
73.6470

Harmonies

Analogous

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



65.8503, 70.1359, 82.2640



66.9609, 70.1359, 82.6814



68.0029, 70.1359, 81.3693

Triad

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



66.9609, 70.1359, 82.6814



68.3869, 70.1359, 72.6148



64.6736, 70.1359, 74.0554

Complementary

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



66.9609, 70.1359, 82.6814



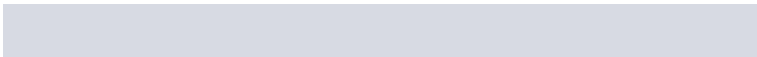
70.6003, 74.5480, 74.9595

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.



65.3390, 70.1359, 71.5723



66.9609, 70.1359, 82.6814



67.4805, 70.1359, 70.7570

Square

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



66.9609, 70.1359, 82.6814



68.8322, 70.1359, 75.5147



66.3641, 70.1359, 70.3808



64.5380, 70.1359, 77.2238

Rectangle

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



66.9609, 70.1359, 82.6814



68.5155, 70.1359, 79.7115



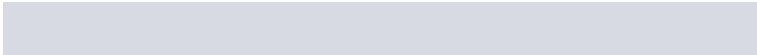
66.3641, 70.1359, 70.3808



64.8424, 70.1359, 73.1156

Sweetspot

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



66.9629, 70.1389, 82.6829



91.9908, 96.6301, 108.4108



68.9220, 74.7574, 81.1771



19.7219, 20.7182, 23.2095



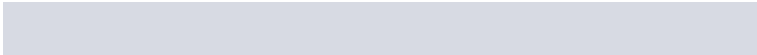
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



66.9629, 70.1389, 82.6829



86.0925, 90.1111, 107.4634



67.0205, 69.0229, 82.4645



14.5493, 15.2196, 18.3152



9.0121, 5.0863, 42.8899



0.7385, 0.5208, 3.1936

Inverse Universe

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



68.6355, 69.9952, 76.2260



88.5695, 89.9068, 97.8991



70.5385, 75.7249, 75.1899



15.0114, 15.1828, 16.5306



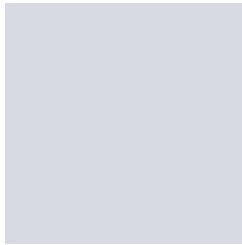
18.9424, 9.7112, 3.3257



1.4364, 0.7323, 0.4384

Previews

White Background



This preview shows how the XYZ color 66.9609, 70.1359, 82.6814 looks on a white background.

Color Contrast Check

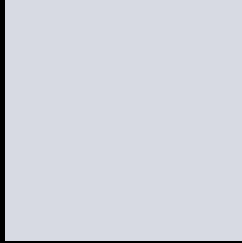
Large Text (above 18pt) WCAG AA × Fail

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 66.9609, 70.1359, 82.6814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

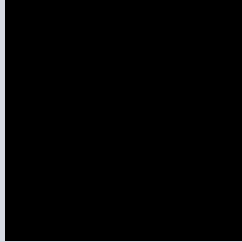
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

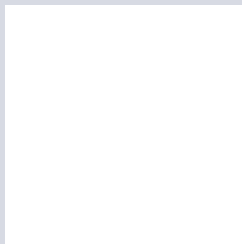
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9609, 70.1359, 82.6814

Background



This preview shows how black text looks on a background with the XYZ color 66.9609, 70.1359, 82.6814.



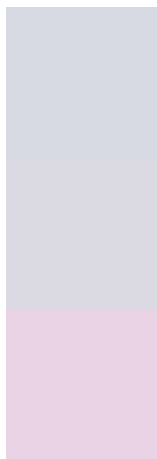
This preview shows how white text looks on a background with the XYZ color 66.9609, 70.1359,

82.6814.

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

66.9609, 70.1359, 82.6814

Protanopia

67.7537, 70.1768, 81.9260

Deuteranopia

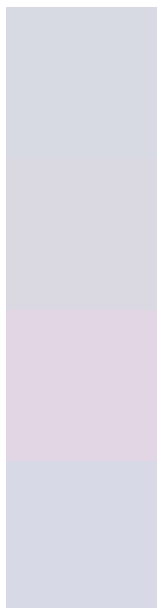
71.2295, 69.6824, 83.0946



Tritanopia

67.9830, 70.1652, 87.8020

Trichromacy



Original Color

66.9609, 70.1359, 82.6814

Protanomaly

67.4538, 70.0221, 81.9119

Deuteranomaly

69.7287, 70.0255, 83.2400

Tritanomaly

67.5556, 69.9942, 85.5510

Monochromacy



Original Color

66.9609, 70.1359, 82.6814

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.7378, 70.1150, 78.4227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9609, 70.1359, 82.6814 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(215, 218, 227) looks like.

```
.text, #text, p{  
    color:rgb(215, 218, 227)  
}
```

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(215, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 218, 227) }
```

Border

The CSS property to change the border of an element to XYZ 66.9609, 70.1359, 82.6814 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(215, 218, 227) }
```


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

```
.border{ border-color:rgb(215, 218, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 218, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(215, 218,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9609, 70.1359, 82.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 218, 227) }
```

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

```
.background{ background-color: rgb(215,  
218, 227) }
```

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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