

Converting Colors

XYZ(66.7629, 70.4600, 79.5795)

Have a look what the booklet for
XYZ(66.7629, 70.4600, 79.5795)
contains.

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Color

**XYZ(66.9697, 70.5897,
79.9075)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DBDF
RGB	216, 219, 223
RGB Percent	85%, 86%, 87%
CMY	0.1529, 0.1412, 0.1255
CMYK	0.03, 0.02, 0.00, 0.13
HSL	214°, 10%, 86%
HSV	214°, 3%, 87%
XYZ	66.9697, 70.5897, 79.9075
YIQ	218.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

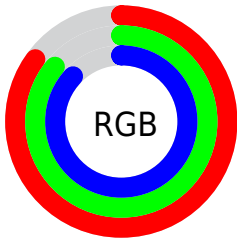
Format	Color
R _Y B	216, 218, 223
Decimal	14212063
CIE Lab	87.29, -0.27, -2.32
CIE LCh	87, 2.339, 263.279
Yxy	70.5897, 0.3080, 0.3246
Android (android.graphics.Color)	4292402143 (0xFFD8DBDF)
YUV	218.5590, 2.1894, -2.2442
Hunter-Lab	84.0177, -4.7503, 2.4229

Details

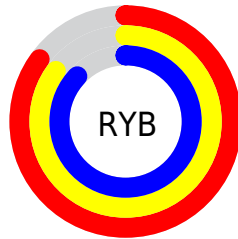
The XYZ color **66.9697, 70.5897, 79.9075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4194, 71.8314, 75.2256**, and the grayscale version is **67.0151, 70.5051, 76.7801**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0413, 36.9551, 42.3320** is the 20% darker color. If you saturate the color by 10%, you get **57.6284, 61.0323, 78.5562**, and if you desaturate by 10%, it is **77.4632, 81.1221, 81.3885**.

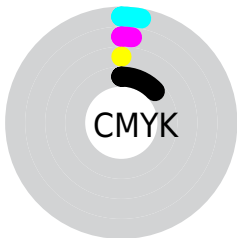
Distribution



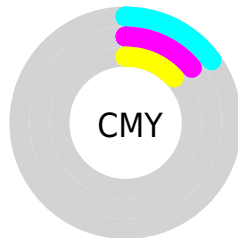
- Red (85%)
- Green (86%)
- Blue (87%)



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



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



- Cyan (15%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9697, 70.5897, 79.9075 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 66.9697, 70.5897, 79.9075 by changing the saturation by 10% instead.

■ 66.9697, 70.5897,
79.9075

■ 66.9697, 70.5897,
79.9075

439.2711,
462.6178, 514.3196

■ 49.3306, 52.0074,
59.1165

113.9270,
120.0493, 135.0459

■ 35.0974, 37.0110,
42.2863

143.9760,
151.6955, 170.2304

■ 23.9048, 25.2160,
28.9983

178.8923,
188.4650, 211.0498

■ 15.3874, 16.2381,
18.8340

219.0412,
230.7424, 257.9227

■ 9.1798, 9.6928,
11.3748

264.7882,
278.9120, 311.2676

■ 4.9167, 5.1957,
6.2022

316.4987,

■ 2.2327, 2.3626,

333.3581, 371.5030

2.8976

374.5378,
394.4653, 439.0475

■ 0.7599, 0.8065,
1.0426

■ 0.0000, 0.0000,
0.0000

■ 66.9697, 70.5897,
79.9075

■ 66.9697, 70.5897,
79.9075

■ 57.6284, 61.0323,
78.5562

■ 77.4632, 81.1221,
81.3885

■ 49.3918, 52.4112,
77.3262

■ 87.0510, 91.5709,
82.8999

■ 42.2180, 44.6981,
76.2155

■ 90.3195, 98.1078,
83.9894

■ 36.0598, 37.8595,
75.2201

■ 30.8663, 31.8600,
74.3359

■ 26.5819, 26.6611,
73.5582

■ 23.1446, 22.2206,
72.8822

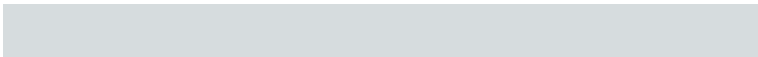
■ 20.4836, 18.4912,
72.3026

■ 18.5146, 15.4182,
71.8133

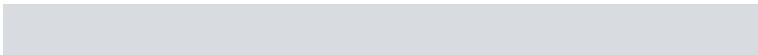
Harmonies

Analogous

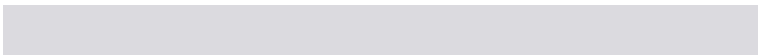
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.4631, 70.5897, 79.3135



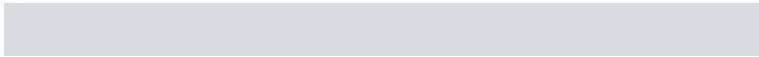
66.9697, 70.5897, 79.9075



67.5122, 70.5897, 79.6760

Triad

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



66.9697, 70.5897, 79.9075



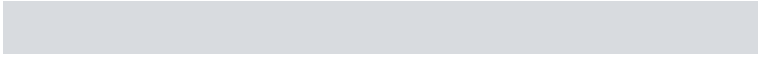
68.0695, 70.5897, 75.6694



66.2493, 70.5897, 75.0634

Complementary

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



66.9697, 70.5897, 79.9075



68.4194, 71.8314, 75.2256

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.



66.6763, 70.5897, 74.1115



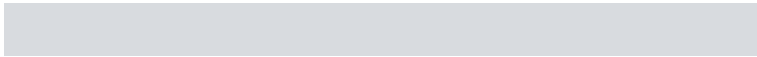
66.9697, 70.5897, 79.9075



67.7277, 70.5897, 74.4580

Square

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



66.9697, 70.5897, 79.9075



68.1492, 70.5897, 77.2152



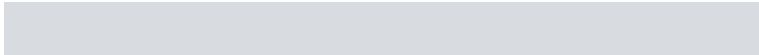
67.2172, 70.5897, 73.8913



66.0486, 70.5897, 76.5063

Rectangle

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



66.9697, 70.5897, 79.9075



67.8210, 70.5897, 79.0863



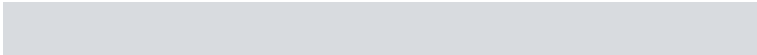
67.2172, 70.5897, 73.8913



66.3710, 70.5897, 74.6762

Sweetspot

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



66.9717, 70.5927, 79.9090



93.6554, 98.5942, 108.7022



67.6215, 72.5409, 78.1258



20.0608, 21.1181, 23.2688



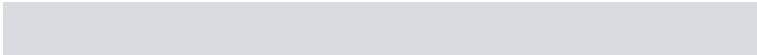
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

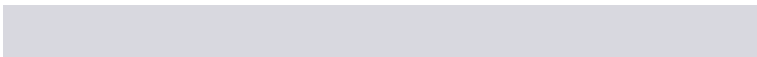
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.9717, 70.5927, 79.9090



89.5668, 94.4572, 108.1191



66.3332, 69.1107, 79.6566



14.4183, 15.2114, 17.5639



10.3816, 8.2328, 42.0903



0.8072, 0.7458, 2.9467

Inverse Universe

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



67.7750, 69.9155, 76.9443



90.9584, 93.2945, 102.9808



69.0712, 73.3483, 75.4840



14.6828, 14.9920, 16.5871



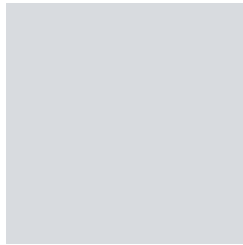
19.1804, 9.7392, 7.6156



1.3737, 0.6927, 0.7606

Previews

White Background



This preview shows how the XYZ color 66.9697, 70.5897, 79.9075 looks on a white background.

Color Contrast Check

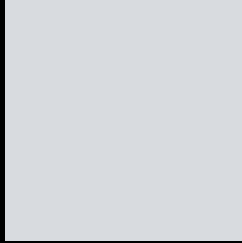
Large Text (above 18pt) WCAG AA × Fail

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 66.9697, 70.5897, 79.9075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

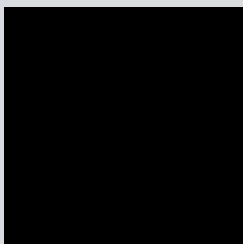
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

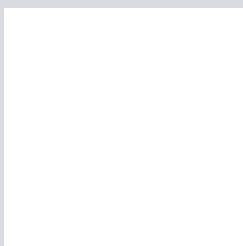
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9697, 70.5897, 79.9075

Background



This preview shows how black text looks on a background with the XYZ color 66.9697, 70.5897, 79.9075.

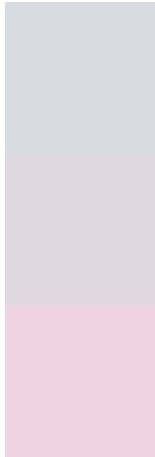


This preview shows how white text looks on a background with the XYZ color 66.9697, 70.5897,

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

66.9697, 70.5897, 79.9075

Protanopia

67.8165, 70.2718, 79.0967

Deuteranopia

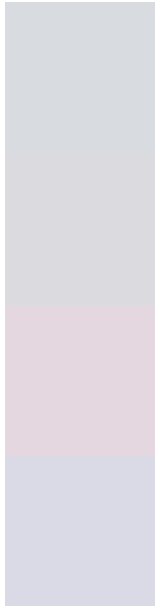
71.9231, 70.4733, 80.3330



Tritanopia

68.5776, 70.4716, 87.8299

Trichromacy



Original Color

66.9697, 70.5897, 79.9075

Protanomaly

67.4696, 70.4768, 79.1546

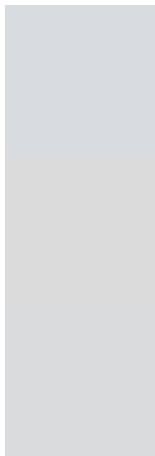
Deuteranomaly

70.0681, 70.6407, 80.4630

Tritanomaly

67.9696, 70.6077, 84.9092

Monochromacy



Original Color

66.9697, 70.5897, 79.9075

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.1632, 70.7358, 77.8236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9697, 70.5897, 79.9075 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, 219, 223) looks like.

```
.text, #text, p{  
    color:rgb(216, 219, 223)  
}
```

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, 219, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 219, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.9697, 70.5897, 79.9075 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, 219, 223) }
```


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

```
.border{ border-color:rgb(216, 219, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 219, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 219, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 219, 223);  
box-shadow:4px 4px 4px 4px rgb(216, 219,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9697, 70.5897, 79.9075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 219, 223) }
```

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

```
.background{ background-color: rgb(216,  
219, 223) }
```

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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