

Converting Colors

XYZ(65.8556, 69.0131, 77.3798)

Have a look what the booklet for
XYZ(65.8556, 69.0131, 77.3798)
contains.

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Color

**XYZ(65.7930, 68.8780,
77.5373)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D8DC
RGB	216, 216, 220
RGB Percent	85%, 85%, 86%
CMY	0.1529, 0.1529, 0.1372
CMYK	0.02, 0.02, 0.00, 0.14
HSL	240°, 5%, 85%
HSV	240°, 2%, 86%
XYZ	65.7930, 68.8780, 77.5373
YIQ	216.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

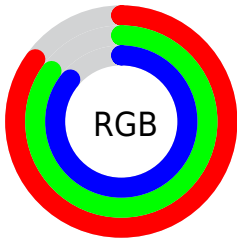
Format	Color
R _Y B	216, 216, 220
Decimal	14211292
CIE Lab	86.44, 0.73, -1.97
CIE LCh	86, 2.104, 290.383
Yxy	68.8780, 0.3100, 0.3246
Android (android.graphics.Color)	4292401372 (0xFFD8D8DC)
YUV	216.4560, 1.7472, -0.3999
Hunter-Lab	82.9928, -3.7304, 2.7023

Details

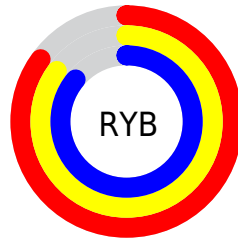
The XYZ color **65.7930, 68.8780, 77.5373** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5031, 71.3589, 75.1825**, and the grayscale version is **65.5720, 68.9868, 75.1267**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2343, 35.7834, 40.6999** is the 20% darker color. If you saturate the color by 10%, you get **54.4647, 55.2326, 75.5016**, and if you desaturate by 10%, it is **78.7485, 84.4842, 79.8678**.

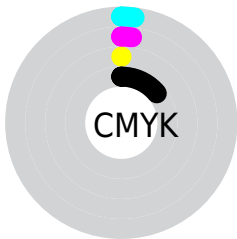
Distribution



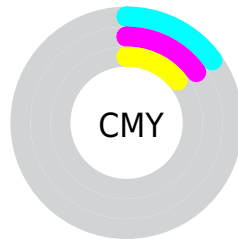
- Red (85%)
- Green (85%)
- Blue (86%)



- Red (85%)
- Yellow (85%)
- Blue (86%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7930, 68.8780, 77.5373 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 65.7930, 68.8780, 77.5373 by changing the saturation by 10% instead.

■ 65.7930, 68.8780,
77.5373

■ 65.7930, 68.8780,
77.5373

435.1365,
456.6006, 506.0802

■ 48.3715, 50.6124,
57.1798

112.2486,
117.6073, 131.6776

■ 34.3336, 35.9002,
40.7393

142.0133,
148.8398, 166.2974

■ 23.3141, 24.3571,
27.7972

176.6231,
185.1633, 206.5084

■ 14.9476, 15.5988,
17.9352

216.4435,
226.9622, 252.7292

■ 8.8687, 9.2407,
10.7345

261.8396,
274.6211, 305.3782

■ 4.7121, 4.8985,
5.7767

313.1769,

■ 2.1123, 2.1878,

328.5241, 364.8740

2.6432

370.8208,
389.0558, 431.6352

■ 0.6959, 0.7133,
0.9146

■ 0.0000, 0.0000,
0.0000

■ 65.7930, 68.8780,
77.5373

■ 65.7930, 68.8780,
77.5373

■ 54.4647, 55.2326,
75.5016

■ 78.7485, 84.4842,
79.8678

■ 44.6938, 43.4619,
73.7446

■ 89.9185, 97.9474,
81.8777

■ 36.4140, 33.4869,
72.2556

■ 29.5520, 25.2192,
71.0215

■ 24.0283, 18.5634,
70.0279

■ 19.7556, 13.4141,
69.2592

■ 16.6364, 9.6541,
68.6978

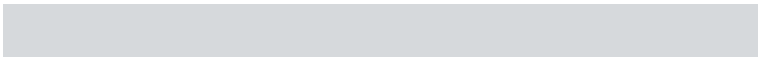
■ 14.5584, 7.1483,
68.3237

■ 13.3875, 5.7352,
68.1126

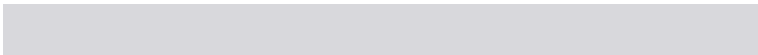
Harmonies

Analogous

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



65.3102, 68.8780, 77.6705



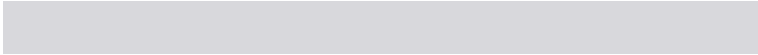
65.7930, 68.8780, 77.5373



66.1901, 68.8780, 76.7187

Triad

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



65.7930, 68.8780, 77.5373



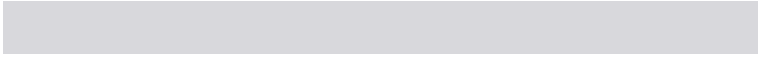
66.0651, 68.8780, 72.9505



64.5480, 68.8780, 74.5495

Complementary

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



65.7930, 68.8780, 77.5373



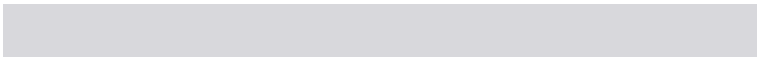
67.5031, 71.3589, 75.1825

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.



64.7481, 68.8780, 73.3001



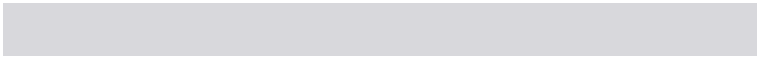
65.7930, 68.8780, 77.5373



65.6230, 68.8780, 72.3845

Square

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



65.7930, 68.8780, 77.5373



66.3478, 68.8780, 74.0667



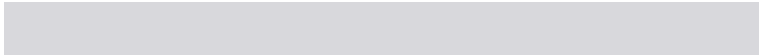
65.1410, 68.8780, 72.5117



64.5930, 68.8780, 75.9339

Rectangle

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



65.7930, 68.8780, 77.5373



66.3521, 68.8780, 75.9000



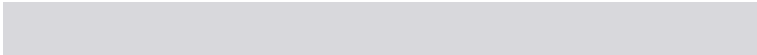
65.1410, 68.8780, 72.5117



64.5888, 68.8780, 74.1001

Sweetspot

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



65.7950, 68.8809, 77.5388



93.3108, 97.9050, 108.5873



66.8225, 70.9502, 77.8378



19.9907, 20.9778, 23.2454



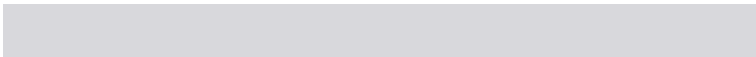
0.0000, 0.0000, 0.0000



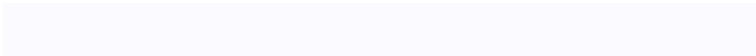
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7950, 68.8809, 77.5388



91.5946, 95.8378, 108.2787



66.3686, 69.1751, 77.5654



14.2196, 14.8838, 16.7755



7.5835, 3.0364, 39.9248



0.4917, 0.1975, 2.5866

Inverse Universe

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



66.4672, 69.2864, 74.8397



92.6350, 96.4653, 104.1018



66.9222, 71.0611, 75.1556



14.3705, 14.9748, 16.1699



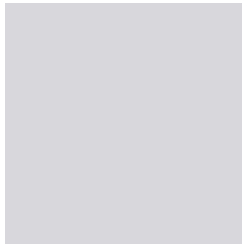
17.3231, 8.9303, 0.8157



1.1225, 0.5786, 0.0538

Previews

White Background



This preview shows how the XYZ color 65.7930, 68.8780, 77.5373 looks on a white background.

Color Contrast Check

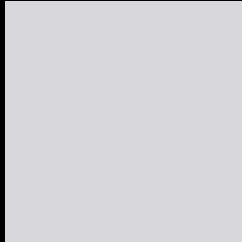
Large Text (above 18pt) WCAG AA × Fail

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 65.7930, 68.8780, 77.5373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

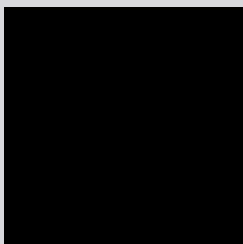
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

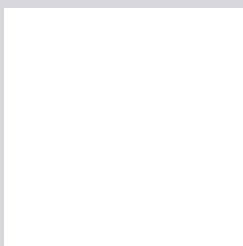
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7930, 68.8780, 77.5373

Background



This preview shows how black text looks on a background with the XYZ color 65.7930, 68.8780, 77.5373.

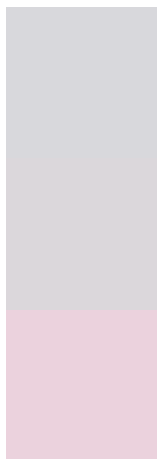


This preview shows how white text looks on a background with the XYZ color 65.7930, 68.8780,

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

65.7930, 68.8780, 77.5373

Protanopia

66.3000, 68.7754, 76.7984

Deuteranopia

70.3587, 68.9758, 78.0120



Tritanopia

67.3838, 68.7681, 85.3234

Trichromacy



Original Color

65.7930, 68.8780, 77.5373

Protanomaly

66.0001, 68.6208, 76.7844

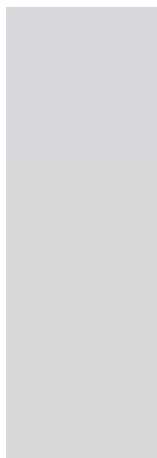
Deuteranomaly

68.5895, 68.8014, 78.0716

Tritanomaly

66.7808, 68.8986, 82.4521

Monochromacy



Original Color

65.7930, 68.8780, 77.5373

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.3992, 68.7204, 75.4631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7930, 68.8780, 77.5373 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, 216, 220) looks like.

```
.text, #text, p{  
    color:rgb(216, 216, 220)  
}
```

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, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 216, 220) }
```

Border

The CSS property to change the border of an element to XYZ 65.7930, 68.8780, 77.5373 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, 216, 220) }
```


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

```
.border{ border-color:rgb(216, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(216, 216,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7930, 68.8780, 77.5373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 216, 220) }
```

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

```
.background{ background-color: rgb(216,  
216, 220) }
```

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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