

Converting Colors

XYZ(60.8877, 66.7459, 76.6920)

Have a look what the booklet for
XYZ(60.8877, 66.7459, 76.6920)
contains.

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Color

**XYZ(60.8877, 66.7459,
76.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D9DB
RGB	198, 217, 219
RGB Percent	78%, 85%, 86%
CMY	0.2235, 0.1490, 0.1412
CMYK	0.10, 0.01, 0.00, 0.14
HSL	186°, 23%, 82%
HSV	186°, 10%, 86%
XYZ	60.8877, 66.7459, 76.6920
YIQ	211.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

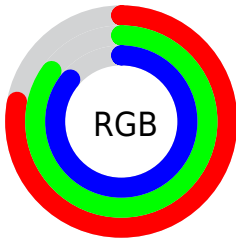
Format	Color
R _Y B	198, 208, 219
Decimal	13031899
CIE Lab	85.38, -5.94, -3.16
CIE LCh	85, 6.730, 208.032
Yxy	66.7459, 0.2980, 0.3267
Android (android.graphics.Color)	4291221979 (0xFFC6D9DB)
YUV	211.5470, 3.6743, -11.8807
Hunter-Lab	81.6982, -9.9400, 1.5318

Details

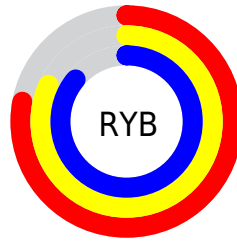
The XYZ color **60.8877, 66.7459, 76.6920** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0611, 60.4455, 61.9287**, and the grayscale version is **62.2624, 65.5048, 71.3348**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1228, 34.4503, 40.1312** is the 20% darker color. If you saturate the color by 10%, you get **54.9945, 62.9178, 76.2648**, and if you desaturate by 10%, it is **67.6262, 71.0234, 77.1635**.

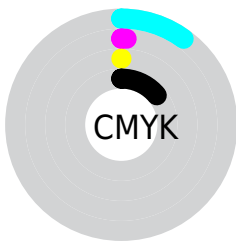
Distribution



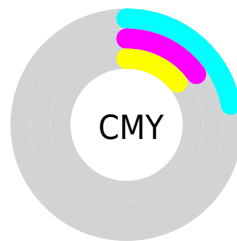
- Red (78%)
- Green (85%)
- Blue (86%)



- Red (78%)
- Yellow (82%)
- Blue (86%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8877, 66.7459, 76.6920 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 60.8877, 66.7459, 76.6920 by changing the saturation by 10% instead.

■ 60.8877, 66.7459,
76.6920

■ 60.8877, 66.7459,
76.6920

417.6446,
449.0398, 503.1230

■ 44.3867, 48.8782,
56.4901

105.2154,
114.5562, 130.4737

■ 31.1739, 34.5228,
40.1893

133.7728,
145.2676, 164.8905

■ 20.8838, 23.2955,
27.3713

167.0797,
181.0290, 204.8826

■ 13.1510, 14.8119,
17.6174

205.5015,
222.2248, 250.8687

■ 7.6104, 8.6875,
10.5090

249.4035,
269.2394, 303.2673

■ 3.8963, 4.5379,
5.6278

299.1512,

■ 1.6437, 1.9788,

322.4571, 362.4968

2.5550

355.1097,
382.2625, 428.9759

■ 0.4206, 0.5951,
0.8691

■ 0.0000, 0.0000,
0.0000

■ 60.8877, 66.7459,
76.6920

■ 60.8877, 66.7459,
76.6920

■ 54.9945, 62.9178,
76.2648

■ 67.6262, 71.0234,
77.1635

■ 49.9052, 59.5123,
75.8757

■ 75.2377, 75.7593,
77.6765

■ 45.5833, 56.5125,
75.5244

■ 80.4815, 79.2847,
78.0806

■ 41.9876, 53.8969,
75.2091

■ 81.0421, 80.4060,
78.2675

■ 39.0727, 51.6422,
74.9275

■ 81.6097, 81.5411,
78.4566

■ 36.7881, 49.7224,
74.6774

■ 82.1841, 82.6900,
78.6481

■ 35.0764, 48.1077,
74.4559

■ 82.7654, 83.8527,
78.8419

■ 33.8695, 46.7630,
74.2600

■ 83.3537, 85.0293,
79.0380

■ 33.0518, 45.6287,
74.0841

■ 83.9490, 86.2198,
79.2364

Harmonies

Analogous

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



60.5554, 66.7459, 72.3871



60.8877, 66.7459, 76.6920



61.9007, 66.7459, 80.0317

Triad

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



60.8877, 66.7459, 76.6920



65.9593, 66.7459, 77.2106



63.5407, 66.7459, 64.6039

Complementary

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



60.8877, 66.7459, 76.6920



60.0611, 60.4455, 61.9287

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.



65.0045, 66.7459, 65.7834



60.8877, 66.7459, 76.6920



66.4147, 66.7459, 72.9635

Square

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



60.8877, 66.7459, 76.6920



64.8275, 66.7459, 80.3394



66.0626, 66.7459, 68.8007



62.0724, 66.7459, 65.5141

Rectangle

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



60.8877, 66.7459, 76.6920



62.8341, 66.7459, 81.2003



66.0626, 66.7459, 68.8007



64.0497, 66.7459, 64.7682

Sweetspot

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



60.8896, 66.7487, 76.6935



92.0597, 98.1146, 108.6937



59.0174, 66.8284, 64.2802



19.5376, 20.8948, 23.2533



0.0000, 0.0000, 0.0000



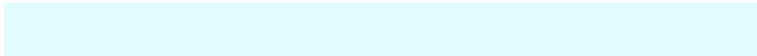
20.3446, 21.4041, 23.3091

Same Dimension

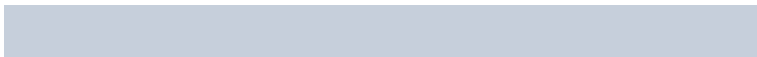
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8896, 66.7487, 76.6935



83.7534, 92.8088, 108.1074



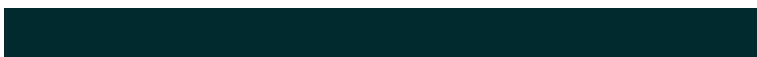
58.3282, 61.6260, 75.8397



13.3335, 14.6068, 16.7688



19.6236, 27.1167, 43.9382



1.3028, 1.8196, 2.8570

Inverse Universe

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



61.9334, 60.4593, 74.0544



85.5883, 81.8206, 103.4525



62.5159, 65.3552, 62.7470



13.5582, 13.2524, 16.2008



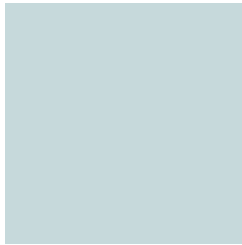
23.4004, 11.3612, 32.8184



1.5319, 0.7424, 2.2097

Previews

White Background



This preview shows how the XYZ color 60.8877, 66.7459, 76.6920 looks on a white background.

Color Contrast Check

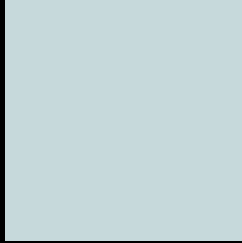
Large Text (above 18pt) WCAG AA × Fail

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 60.8877, 66.7459, 76.6920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

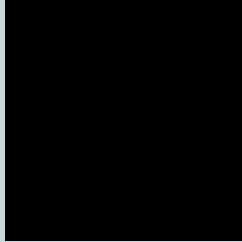
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

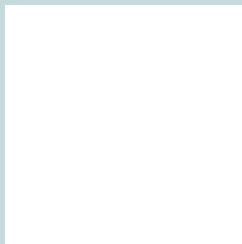
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8877, 66.7459, 76.6920

Background



This preview shows how black text looks on a background with the XYZ color 60.8877, 66.7459, 76.6920.



This preview shows how white text looks on a background with the XYZ color 60.8877, 66.7459,

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

60.8877, 66.7459, 76.6920

Protanopia

64.2571, 66.6438, 74.4426

Deuteranopia

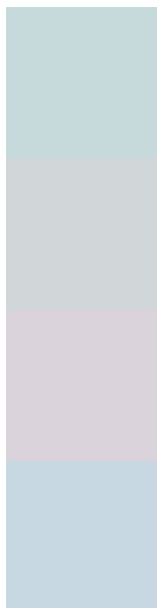
67.9971, 66.6691, 77.6912



Tritanopia

62.6853, 66.7064, 85.9157

Trichromacy



Original Color

60.8877, 66.7459, 76.6920

Protanomaly

62.8654, 66.6582, 75.1986

Deuteranomaly

65.1260, 66.6613, 77.1445

Tritanomaly

61.9742, 66.7999, 82.3003

Monochromacy



Original Color

60.8877, 66.7459, 76.6920

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.0444, 66.2648, 73.8103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8877, 66.7459, 76.6920 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(198, 217, 219)` looks like.

```
.text, #text, p{  
    color:rgb(198, 217, 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(198, 217, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 217, 219) }
```

Border

The CSS property to change the border of an element to XYZ 60.8877, 66.7459, 76.6920 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(198, 217, 219) }
```


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

```
.border{ border-color:rgb(198, 217, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 217, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 217, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 217, 219);  
box-shadow:4px 4px 4px 4px rgb(198, 217,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8877, 66.7459, 76.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 217, 219) }
```

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

```
.background{ background-color: rgb(198,  
217, 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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