

Converting Colors

XYZ(60.6517, 66.7258, 77.3721)

Have a look what the booklet for
XYZ(60.6517, 66.7258, 77.3721)
contains.

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Color

**XYZ(60.4961, 66.5288,
77.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D9DC
RGB	196, 217, 220
RGB Percent	77%, 85%, 86%
CMY	0.2314, 0.1490, 0.1372
CMYK	0.11, 0.01, 0.00, 0.14
HSL	187°, 26%, 82%
HSV	187°, 11%, 86%
XYZ	60.4961, 66.5288, 77.3630
YIQ	211.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

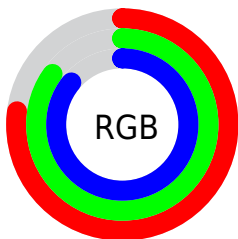
Format	Color
R _{YB}	196, 207, 220
Decimal	12900828
CIE Lab	85.27, -6.39, -3.87
CIE LCh	85, 7.472, 211.192
Yxy	66.5288, 0.2960, 0.3255
Android (android.graphics.Color)	4291090908 (0xFFC4D9DC)
YUV	211.0630, 4.4059, -13.2103
Hunter-Lab	81.5652, -10.3474, 0.8602

Details

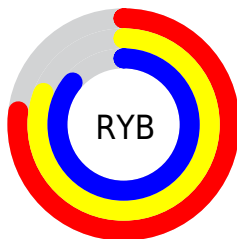
The XYZ color **60.4961, 66.5288, 77.3630** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9028, 60.0477, 60.6589**, and the grayscale version is **61.9383, 65.1639, 70.9635**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **30.8672, 34.3081, 40.5926** is the 20% darker color. If you saturate the color by 10%, you get **54.4863, 62.3900, 76.8819**, and if you desaturate by 10%, it is **67.3607, 71.1294, 77.8902**.

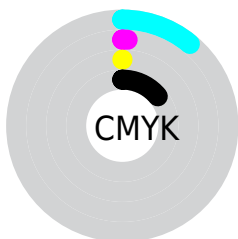
Distribution



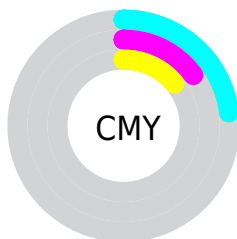
- Red (77%)
- Green (85%)
- Blue (86%)



- Red (77%)
- Yellow (81%)
- Blue (86%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4961, 66.5288, 77.3630 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 60.4961, 66.5288, 77.3630 by changing the saturation by 10% instead.

■ 60.4961, 66.5288,
77.3630

■ 60.4961, 66.5288,
77.3630

416.2295,
448.2657, 505.4713

■ 44.0696, 48.7018,
57.0375

104.6512,
114.2450, 131.4295

■ 30.9234, 34.3830,
40.6258

133.1106,
144.9029, 166.0075

■ 20.6921, 23.1880,
27.7093

166.3117,
180.6066, 206.1735

■ 13.0103, 14.7324,
17.8695

204.6197,
221.7405, 252.3459

■ 7.5127, 8.6318,
10.6879

248.4002,
268.6890, 304.9434

■ 3.8339, 4.5018,
5.7458

298.0184,

■ 1.6086, 1.9580,

321.8364, 364.3844

2.6249

353.8397,
381.5672, 431.0875

■ 0.3980, 0.5829,
0.9053

■ 0.0000, 0.0000,
0.0000

■ 60.4961, 66.5288,
77.3630

■ 60.4961, 66.5288,
77.3630

■ 54.4863, 62.3900,
76.8819

■ 67.3607, 71.1294,
77.8902

■ 49.2890, 58.6856,
76.4408

■ 75.1084, 76.2010,
78.4608

■ 44.8671, 55.3983,
76.0394

■ 81.1502, 80.4109,
78.9550

■ 41.1783, 52.5062,
75.6756

■ 81.9000, 81.9104,
79.2049

■ 38.1759, 49.9851,
75.3472

■ 82.6617, 83.4339,
79.4588

■ 35.8084, 47.8083,
75.0518

■ 83.4355, 84.9815,
79.7167

■ 34.0161, 45.9451,
74.7866

■ 84.2214, 86.5533,
79.9787

■ 32.7284, 44.3590,
74.5484

■ 85.0195, 88.1495,
80.2447

■ 31.8849, 43.1002,
74.3498

■ 85.8298, 89.7701,
80.5148

Harmonies

Analogous

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



60.0421, 66.5288, 72.6323



60.4961, 66.5288, 77.3630



61.6816, 66.5288, 80.8975

Triad

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



60.4961, 66.5288, 77.3630



66.1221, 66.5288, 77.0133



63.1661, 66.5288, 63.5322

Complementary

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



60.4961, 66.5288, 77.3630



59.9028, 60.0477, 60.6589

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.



64.8114, 66.5288, 64.5908



60.4961, 66.5288, 77.3630



66.5363, 66.5288, 72.2452

Square

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



60.4961, 66.5288, 77.3630



64.9305, 66.5288, 80.6894



66.0525, 66.5288, 67.7276



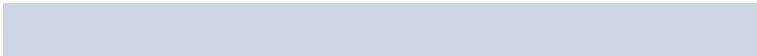
61.5666, 66.5288, 64.7703

Rectangle

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



60.4961, 66.5288, 77.3630



62.7377, 66.5288, 82.0236



66.0525, 66.5288, 67.7276



63.7322, 66.5288, 63.6309

Sweetspot

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



60.4980, 66.5316, 77.3645



91.9873, 97.9699, 108.6696



58.6449, 67.0375, 63.7610



19.5180, 20.8556, 23.2468



0.0000, 0.0000, 0.0000



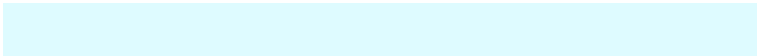
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4980, 66.5316, 77.3645



82.5819, 91.6333, 107.9422



57.5636, 60.6627, 76.3863



13.2989, 14.5376, 16.7572



18.7690, 25.4075, 43.6533



1.2557, 1.7254, 2.8413

Inverse Universe

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



61.7810, 59.7066, 73.9172



84.7121, 80.3792, 102.2016



62.7247, 65.6915, 61.5995



13.5407, 13.2454, 16.1088



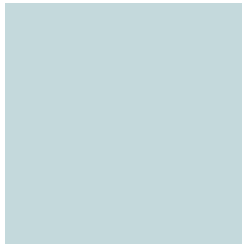
22.9691, 11.1887, 30.5468



1.5081, 0.7329, 2.0845

Previews

White Background



This preview shows how the XYZ color 60.4961, 66.5288, 77.3630 looks on a white background.

Color Contrast Check

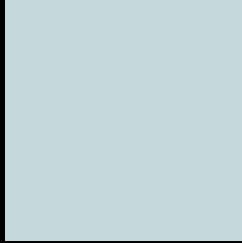
Large Text (above 18pt) WCAG AA × Fail

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 60.4961, 66.5288, 77.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

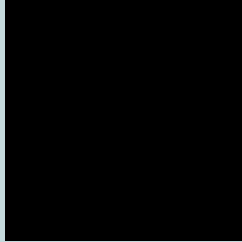
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

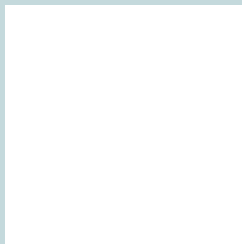
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4961, 66.5288, 77.3630

Background



This preview shows how black text looks on a background with the XYZ color 60.4961, 66.5288, 77.3630.

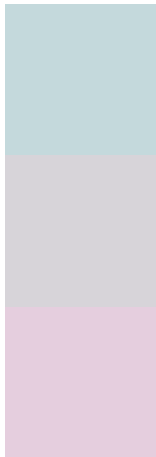


This preview shows how white text looks on a background with the XYZ color 60.4961, 66.5288,

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

60.4961, 66.5288, 77.3630

Protanopia

64.0922, 66.5438, 75.1119

Deuteranopia

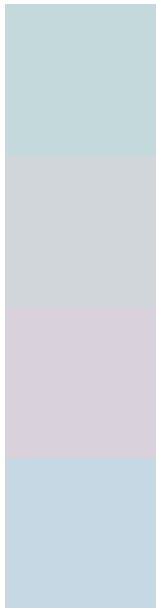
67.5692, 66.0746, 78.2996



Tritanopia

62.1546, 66.4328, 85.8909

Trichromacy



Original Color

60.4961, 66.5288, 77.3630

Protanomaly

62.7139, 66.5650, 75.8726

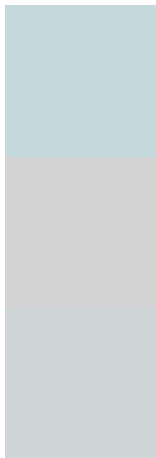
Deuteranomaly

64.7130, 66.0654, 77.7478

Tritanomaly

61.5854, 66.5835, 83.0048

Monochromacy



Original Color

60.4961, 66.5288, 77.3630

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.3854, 65.5654, 73.0383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4961, 66.5288, 77.3630 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(196, 217, 220)` looks like.

```
.text, #text, p{  
    color:rgb(196, 217, 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(196, 217, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 217, 220) }
```

Border

The CSS property to change the border of an element to XYZ 60.4961, 66.5288, 77.3630 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(196, 217, 220) }
```


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

```
.border{ border-color:rgb(196, 217, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 217, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 217, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 217, 220);  
box-shadow:4px 4px 4px 4px rgb(196, 217,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4961, 66.5288, 77.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 217, 220) }
```

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

```
.background{ background-color: rgb(196,  
217, 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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