

Converting Colors

XYZ(61.0529, 65.6152, 77.2203)

Have a look what the booklet for
XYZ(61.0529, 65.6152, 77.2203)
contains.

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Color

**XYZ(61.0522, 65.6779,
77.1695)**

Conversions

Conversions Part 1	
Format	Color
Hex	C9D6DC
RGB	201, 214, 220
RGB Percent	79%, 84%, 86%
CMY	0.2118, 0.1608, 0.1372
CMYK	0.09, 0.03, 0.00, 0.14
HSL	199°, 21%, 83%
HSV	199°, 9%, 86%
XYZ	61.0522, 65.6779, 77.1695
YIQ	210.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

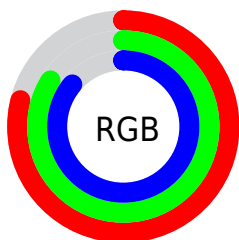
Format	Color
RYB	201, 209, 220
Decimal	13227740
CIELab	84.83, -3.21, -4.47
CIELCh	85, 5.502, 234.315
Yxy	65.6779, 0.2994, 0.3221
Android (android.graphics.Color)	4291417820 (0xFFC9D6DC)
YUV	210.7970, 4.5371, -8.5920
Hunter-Lab	81.0419, -7.3519, 0.2724

Details

The XYZ color **61.0522, 65.6779, 77.1695** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3710, 64.0580, 64.3365**, and the grayscale version is **61.7600, 64.9764, 70.7593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2223, 33.7159, 40.4595** is the 20% darker color. If you saturate the color by 10%, you get **53.8368, 59.4065, 76.3403**, and if you desaturate by 10%, it is **69.1933, 72.5414, 78.0662**.

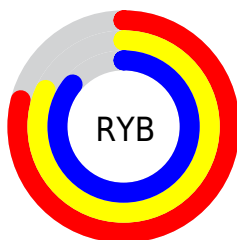
Distribution



Red (79%)

Green (84%)

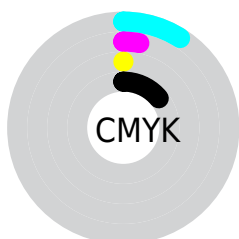
Blue (86%)



Red (79%)

Yellow (82%)

Blue (86%)

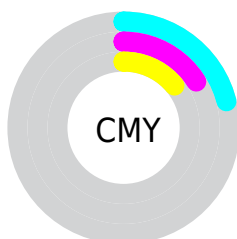


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (14%)



Cyan (21%)


Magenta (16%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0522, 65.6779, 77.1695 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 61.0522, 65.6779, 77.1695 by changing the saturation by 10% instead.


 61.0522, 65.6779,
77.1695

 61.0522, 65.6779,
77.1695


418.2382,
445.2241, 504.7948

 44.5200, 48.0110,
56.8796


105.4522,
113.0239, 131.1539

 31.2792, 33.8356,
40.4999


134.0507,
143.4718, 165.6855

 20.9644, 22.7673,
27.6118


167.4020,
178.9488, 205.8014

 13.2103, 14.4218,
17.7967

205.8715,
219.8392, 251.9202

 7.6515, 8.4146,
10.6362

249.8245,
266.5276, 304.4604

 3.9227, 4.3614,
5.7117


299.6264,


 1.6585, 1.8777,


319.3983, 363.8405


2.6046


355.6425,
378.8356, 430.4791


 0.4301, 0.5349,
0.8948


 0.0000, 0.0000,
0.0000

 61.0522, 65.6779,
77.1695

 61.0522, 65.6779,
77.1695


 53.8368, 59.4065,
76.3403


 69.1933, 72.5414,
78.0662


 47.5048, 53.6985,
75.5723

 78.2892, 80.0078,
79.0280

 42.0187, 48.5350,
74.8648

 83.8199, 85.7502,
79.8449

 37.3360, 43.8928,
74.2156

 85.8451, 89.8007,
80.5200

■ 33.4104, 39.7464,
73.6221

■ 87.9488, 94.0081,
81.2212

■ 30.1905, 36.0680,
73.0818

■ 89.9185, 97.9474,
81.8777

■ 27.6179, 32.8259,
72.5916

■ 25.6239, 29.9831,
72.1480

■ 24.1050, 27.4847,
71.7458

Harmonies

Analogous

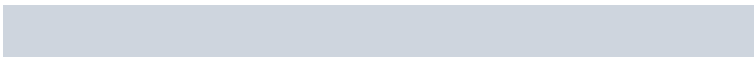
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.2894, 65.6779, 74.3441



61.0522, 65.6779, 77.1695



62.1903, 65.6779, 78.4829

Triad

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



61.0522, 65.6779, 77.1695



64.8137, 65.6779, 72.1868



61.4539, 65.6779, 65.5017

Complementary

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



61.0522, 65.6779, 77.1695



62.3710, 64.0580, 64.3365

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.



62.6600, 65.6779, 64.9667



61.0522, 65.6779, 77.1695



64.6102, 65.6779, 68.7529

Square

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



61.0522, 65.6779, 77.1695



64.3702, 65.6779, 75.5460



63.8180, 65.6779, 66.1381



60.5191, 65.6779, 67.6243

Rectangle

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



61.0522, 65.6779, 77.1695



63.0128, 65.6779, 78.2943



63.8180, 65.6779, 66.1381



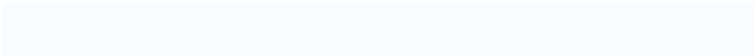
61.8406, 65.6779, 65.1332

Sweetspot

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



61.0541, 65.6807, 77.1710



91.5259, 97.0470, 108.5157



60.9075, 68.0954, 68.7740



19.3931, 20.6059, 23.2052



0.0000, 0.0000, 0.0000



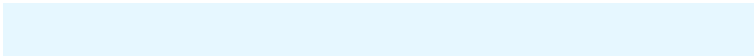
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0541, 65.6807, 77.1710



83.7688, 90.4523, 107.6517



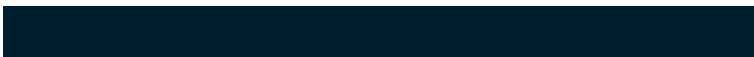
58.7902, 61.1530, 76.4163



13.0802, 14.1002, 16.6843



14.1393, 16.1480, 42.1101



0.9920, 1.1981, 2.7534

Inverse Universe

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



62.5409, 61.8453, 72.2626



86.1789, 84.2881, 99.6836



64.6660, 68.6481, 65.1016



13.4304, 13.2012, 15.5275



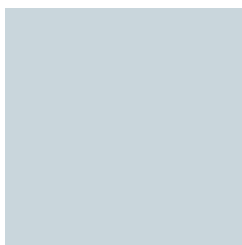
20.6322, 10.2539, 18.2410



1.3750, 0.6796, 1.3837

Previews

White Background



This preview shows how the XYZ color 61.0522, 65.6779, 77.1695 looks on a white background.

Color Contrast Check

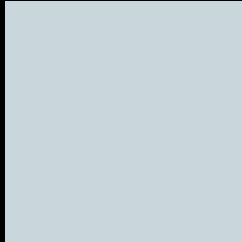
Large Text (above 18pt) WCAG AA × Fail

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 61.0522, 65.6779, 77.1695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

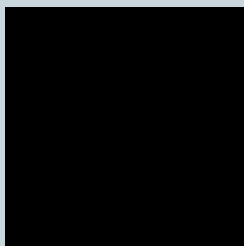
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

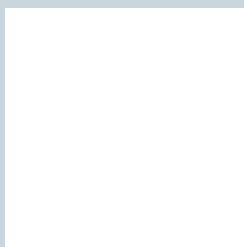
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0522, 65.6779, 77.1695

Background



This preview shows how black text looks on a background with the XYZ color 61.0522, 65.6779, 77.1695.

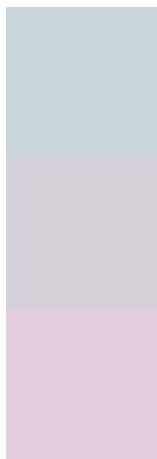


This preview shows how white text looks on a background with the XYZ color 61.0522, 65.6779,

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

61.0522, 65.6779, 77.1695

Protanopia

63.1421, 65.3013, 75.6061

Deuteranopia

66.6947, 65.2675, 78.1899



Tritanopia

62.5657, 65.9422, 83.5593

Trichromacy

	Original Color 61.0522, 65.6779, 77.1695
	Protanomaly 62.3749, 65.2583, 76.3264
	Deuteranomaly 64.5205, 65.2376, 77.5981
	Tritanomaly 61.8788, 65.6360, 81.3592

Monochromacy

	Original Color 61.0522, 65.6779, 77.1695
	Achromatopsia 61.9161, 65.1406, 70.9381
	Achromatomaly 61.4132, 65.2074, 72.9678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0522, 65.6779, 77.1695 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(201, 214, 220) looks like.

```
.text, #text, p{  
    color:rgb(201, 214, 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(201, 214, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 214, 220) }
```

Border

The CSS property to change the border of an element to XYZ 61.0522, 65.6779, 77.1695 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(201, 214, 220) }
```


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

```
.border{ border-color:rgb(201, 214, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 214, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 214, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 214, 220);  
box-shadow:4px 4px 4px 4px rgb(201, 214,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0522, 65.6779, 77.1695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 214, 220) }
```

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

```
.background{ background-color: rgb(201,  
214, 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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