

Converting Colors

XYZ(62.1057, 65.3494, 89.0771)

Have a look what the booklet for
XYZ(62.1057, 65.3494, 89.0771)
contains.

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Color

**XYZ(61.9725, 65.1489,
88.6656)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D4EC
RGB	198, 212, 236
RGB Percent	78%, 83%, 93%
CMY	0.2235, 0.1686, 0.0745
CMYK	0.16, 0.10, 0.00, 0.07
HSL	218°, 50%, 85%
HSV	218°, 16%, 93%
XYZ	61.9725, 65.1489, 88.6656
YIQ	210.5500, -16.0480, 4.4960

Conversions

Conversions Part 2

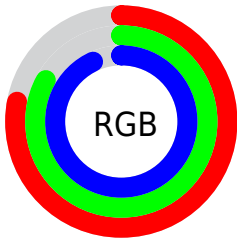
Format	Color
RYB	198, 208, 236
Decimal	13030636
CIELab	84.56, 0.12, -13.38
CIElCh	85, 13.385, 270.504
Yxy	65.1489, 0.2872, 0.3019
Android (android.graphics.Color)	4291220716 (0xFFC6D4EC)
YUV	210.5500, 12.5469, -11.0063
Hunter-Lab	80.7149, -4.1996, -8.6299

Details

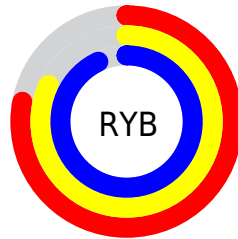
The XYZ color **61.9725, 65.1489, 88.6656** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9068, 74.1524, 64.0030**, and the grayscale version is **61.5493, 64.7547, 70.5178**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7968, 33.3385, 47.9391** is the 20% darker color. If you saturate the color by 10%, you get **52.6750, 55.0796, 87.2131**, and if you desaturate by 10%, it is **72.5871, 76.4111, 90.2810**.

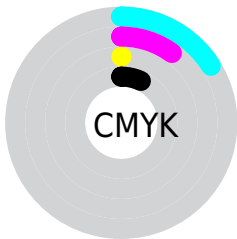
Distribution



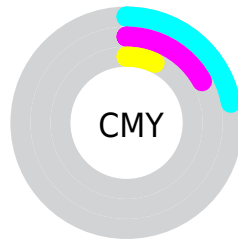
- Red (78%)
- Green (83%)
- Blue (93%)



- Red (78%)
- Yellow (82%)
- Blue (93%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9725, 65.1489, 88.6656 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 61.9725, 65.1489, 88.6656 by changing the saturation by 10% instead.

■ 61.9725, 65.1489,
88.6656

■ 61.9725, 65.1489,
88.6656

421.5499,
443.3269, 544.1382

■ 45.2660, 47.5818,
66.3070

106.7759,
112.2639, 147.4027

■ 31.8692, 33.4958,
48.0636

135.6036,
142.5806, 184.6183

■ 21.4166, 22.5066,
33.5169

169.2023,
177.9160, 227.6233

■ 13.5431, 14.2296,
22.2484

207.9375,
218.6545, 276.8362

■ 7.8831, 8.2805,
13.8394

252.1745,
265.1804, 332.6756

■ 4.0714, 4.2750,
7.8716

302.2787,

■ 1.7426, 1.8285,

317.8782, 395.5601

3.9263

358.6154,
377.1322, 465.9081

■ 0.4827, 0.5049,
1.5850

■ 0.0000, 0.0000,
0.2801

■ 61.9725, 65.1489,
88.6656

■ 61.9725, 65.1489,
88.6656

■ 52.6750, 55.0796,
87.2131

■ 72.5871, 76.4111,
90.2810

■ 44.6347, 46.1534,
85.9140

■ 84.5636, 88.8975,
92.0599

■ 37.7956, 38.3290,
84.7641

■ 92.1405, 98.8362,
93.5789

■ 32.0950, 31.5589,
83.7578

■ 27.4639, 25.7918,
82.8888

■ 23.8253, 20.9713,
82.1501

■ 21.0902, 17.0339,
81.5343

■ 19.1504, 13.9050,
81.0325

■ 18.5459, 12.8670,
80.8641

Harmonies

Analogous

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



59.1403, 65.1489, 86.2183



61.9725, 65.1489, 88.6656



64.8798, 65.1489, 86.0539

Triad

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



61.9725, 65.1489, 88.6656



66.9974, 65.1489, 62.9193



57.0620, 65.1489, 63.1504

Complementary

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



61.9725, 65.1489, 88.6656



70.9068, 74.1524, 64.0030

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.



59.0556, 65.1489, 57.7014



61.9725, 65.1489, 88.6656



64.7898, 65.1489, 57.5757

Square

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



61.9725, 65.1489, 88.6656



67.8374, 65.1489, 70.7918



61.8717, 65.1489, 55.7431



56.3610, 65.1489, 71.0805

Rectangle

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



61.9725, 65.1489, 88.6656



66.4551, 65.1489, 81.9071



61.8717, 65.1489, 55.7431



57.6000, 65.1489, 60.9913

Sweetspot

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



61.9745, 65.1516, 88.6671



87.9988, 92.6314, 107.8494



66.3943, 77.2415, 80.1206



18.6303, 19.6117, 23.0535



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.



61.9745, 65.1516, 88.6671



70.4208, 73.9492, 105.1698



59.8102, 59.0627, 87.6059



14.6858, 15.4580, 19.1319



10.3359, 7.3189, 44.6109



0.9008, 0.7531, 3.5328

Inverse Universe

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



66.6714, 62.9760, 70.9321



76.9533, 71.0716, 80.4707



73.3278, 81.1527, 65.2266



15.2949, 15.1458, 16.8385



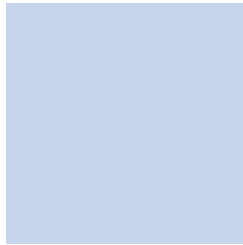
20.0724, 10.2317, 6.1826



1.6212, 0.8214, 0.7225

Previews

White Background



This preview shows how the XYZ color 61.9725, 65.1489, 88.6656 looks on a white background.

Color Contrast Check

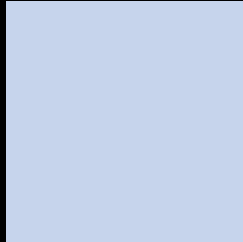
Large Text (above 18pt) WCAG AA × Fail

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 61.9725, 65.1489, 88.6656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

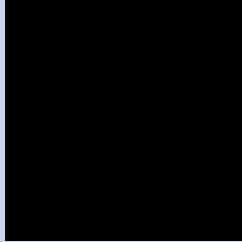
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9725, 65.1489, 88.6656

Background



This preview shows how black text looks on a background with the XYZ color 61.9725, 65.1489, 88.6656.



This preview shows how white text looks on a background with the XYZ color 61.9725, 65.1489,

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

61.9725, 65.1489, 88.6656

Protanopia

63.6642, 64.9513, 87.0233

Deuteranopia

66.3308, 64.8371, 89.1396



Tritanopia

61.1031, 65.1720, 84.2219

Trichromacy



Original Color

61.9725, 65.1489, 88.6656

Protanomaly

62.9438, 64.9287, 87.8123

Deuteranomaly

64.7059, 65.0751, 89.2711

Tritanomaly

61.3857, 65.2850, 85.7098

Monochromacy



Original Color

61.9725, 65.1489, 88.6656

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.6661, 64.8776, 76.9826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9725, 65.1489, 88.6656 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, 212, 236)` looks like.

```
.text, #text, p{  
    color:rgb(198, 212, 236)  
}
```

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, 212, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 212, 236) }
```

Border

The CSS property to change the border of an element to XYZ 61.9725, 65.1489, 88.6656 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, 212, 236) }
```


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

```
.border{ border-color:rgb(198, 212, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 212, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 212, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 212, 236);  
box-shadow:4px 4px 4px 4px rgb(198, 212,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9725, 65.1489, 88.6656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 212, 236) }
```

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

```
.background{ background-color: rgb(198,  
212, 236) }
```

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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