

Converting Colors

XYZ(61.5881, 67.7571, 78.8343)

Have a look what the booklet for
XYZ(61.5881, 67.7571, 78.8343)
contains.

XYZ(61.5423, 67.8073, 78.9517)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.5423, 67.8073,
78.9517)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DBDE
RGB	197, 219, 222
RGB Percent	77%, 86%, 87%
CMY	0.2274, 0.1412, 0.1294
CMYK	0.11, 0.01, 0.00, 0.13
HSL	187°, 27%, 82%
HSV	187°, 11%, 87%
XYZ	61.5423, 67.8073, 78.9517
YIQ	212.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

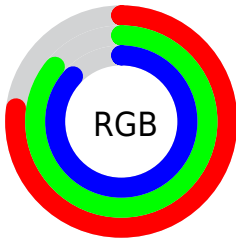
Format	Color
R _Y B	197, 209, 222
Decimal	12966878
CIE Lab	85.91, -6.71, -3.97
CIE LCh	86, 7.793, 210.642
Yxy	67.8073, 0.2954, 0.3255
Android (android.graphics.Color)	4291156958 (0xFFC5DBDE)
YUV	212.7640, 4.5533, -13.8250
Hunter-Lab	82.3452, -10.6986, 0.7950

Details

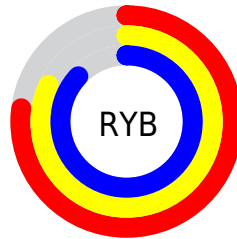
The XYZ color **61.5423, 67.8073, 78.9517** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8569, 60.8690, 61.3659**, and the grayscale version is **63.0671, 66.3515, 72.2568**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **31.5782, 35.1806, 41.6854** is the 20% darker color. If you saturate the color by 10%, you get **55.4638, 63.6531, 78.4713**, and if you desaturate by 10%, it is **68.4919, 72.4307, 79.4789**.

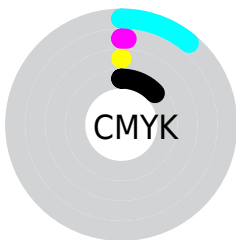
Distribution



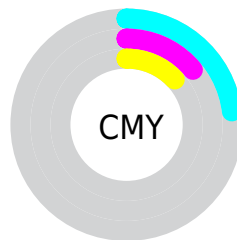
- Red (77%)
- Green (86%)
- Blue (87%)



- Red (77%)
- Yellow (82%)
- Blue (87%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5423, 67.8073, 78.9517 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 61.5423, 67.8073, 78.9517 by changing the saturation by 10% instead.

■ 61.5423, 67.8073,
78.9517

■ 61.5423, 67.8073,
78.9517

420.0038,
452.8130, 511.0062

■ 44.9172, 49.7410,
58.3350

106.1574,
116.0764, 133.6889

■ 31.5932, 35.2076,
41.6616

134.8781,
147.0480, 168.6465

■ 21.2050, 23.8229,
28.5128

168.3614,
183.0902, 209.2215

■ 13.3872, 15.2023,
18.4702

206.9726,
224.5873, 255.8324

■ 7.7746, 8.9615,
11.1151

251.0771,
271.9237, 308.8978

■ 4.0016, 4.7161,
6.0292

301.0402,

■ 1.7031, 2.0816,

325.4839, 368.8362

2.7938

357.2273,
385.6522, 436.0662

■ 0.4582, 0.6543,
0.9903

■ 0.0000, 0.0000,
0.0000

■ 61.5423, 67.8073,
78.9517

■ 61.5423, 67.8073,
78.9517

■ 55.4638, 63.6531,
78.4713

■ 68.4919, 72.4307,
79.4789

■ 50.2131, 59.9403,
78.0314

■ 76.3417, 77.5329,
80.0500

■ 45.7523, 56.6509,
77.6316

■ 81.8908, 81.4657,
80.5166

■ 42.0377, 53.7625,
77.2699

■ 82.6243, 82.9326,
80.7611

39.0219, 51.2505,
76.9439

83.3690, 84.4221,
81.0093

36.6514, 49.0873,
76.6513

84.1251, 85.9343,
81.2614

34.8654, 47.2414,
76.3892

84.8926, 87.4693,
81.5172

33.5907, 45.6750,
76.1540

85.6716, 89.0272,
81.7769

32.7877, 44.4795,
75.9656

86.4620, 90.6080,
82.0403

Harmonies

Analogous

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



61.0792, 67.8073, 73.9407



61.5423, 67.8073, 78.9517



62.7816, 67.8073, 82.7283

Triad

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



61.5423, 67.8073, 78.9517



67.4850, 67.8073, 78.7526



64.4104, 67.8073, 64.4364

Complementary

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



61.5423, 67.8073, 78.9517



60.8569, 60.8690, 61.3659

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.



66.1452, 67.8073, 65.5950



61.5423, 67.8073, 78.9517



67.9401, 67.8073, 73.7206

Square

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



61.5423, 67.8073, 78.9517



66.2130, 67.8073, 82.6097



67.4454, 67.8073, 68.9359



62.7163, 67.8073, 65.6967

Rectangle

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



61.5423, 67.8073, 78.9517



63.8926, 67.8073, 83.9544



67.4454, 67.8073, 68.9359



65.0082, 67.8073, 64.5553

Sweetspot

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



61.5443, 67.8101, 78.9532



91.9995, 97.9942, 108.6736



59.5639, 68.2802, 64.6337



19.5212, 20.8622, 23.2479



0.0000, 0.0000, 0.0000



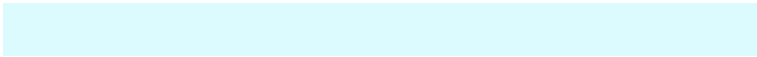
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5443, 67.8101, 78.9532



81.7638, 91.1466, 107.8914



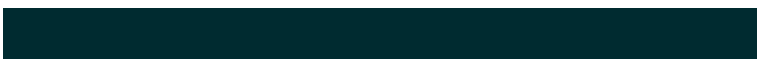
58.4239, 61.5694, 77.9131



13.9690, 15.2771, 17.6002



19.5294, 26.5285, 45.1396



1.3938, 1.9190, 3.1422

Inverse Universe

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



62.8782, 60.5779, 75.3998



84.0184, 79.0271, 101.8616



63.8511, 66.8575, 62.3640



14.2206, 13.9059, 16.9317



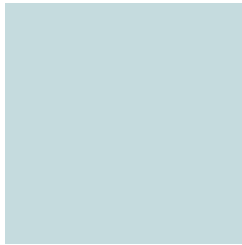
23.7978, 11.5861, 31.9304



1.6698, 0.8112, 2.3198

Previews

White Background



This preview shows how the XYZ color 61.5423, 67.8073, 78.9517 looks on a white background.

Color Contrast Check

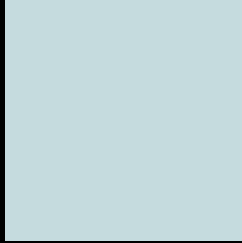
Large Text (above 18pt) WCAG AA × Fail

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 61.5423, 67.8073, 78.9517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

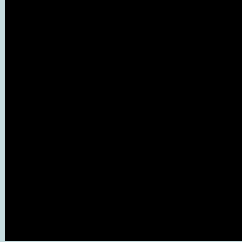
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5423, 67.8073, 78.9517

Background



This preview shows how black text looks on a background with the XYZ color 61.5423, 67.8073, 78.9517.

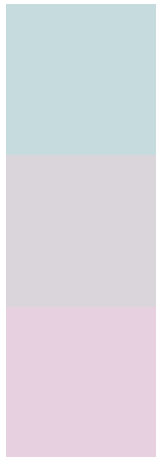


This preview shows how white text looks on a background with the XYZ color 61.5423, 67.8073,

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

61.5423, 67.8073, 78.9517

Protanopia

65.1957, 67.4547, 76.6017

Deuteranopia

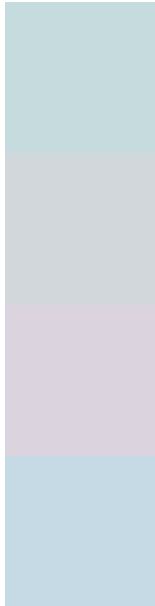
68.9654, 67.4825, 79.9116



Tritanopia

63.2173, 67.7083, 87.5790

Trichromacy



Original Color

61.5423, 67.8073, 78.9517

Protanomaly

63.7970, 67.4698, 77.3707

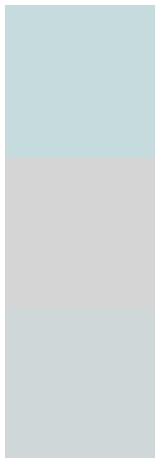
Deuteranomaly

66.0762, 67.4747, 79.3534

Tritanomaly

62.6430, 67.8617, 84.6599

Monochromacy



Original Color

61.5423, 67.8073, 78.9517

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.4272, 66.8241, 74.5738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5423, 67.8073, 78.9517 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(197, 219, 222) looks like.

```
.text, #text, p{  
    color:rgb(197, 219, 222)  
}
```

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(197, 219, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 219, 222) }
```

Border

The CSS property to change the border of an element to XYZ 61.5423, 67.8073, 78.9517 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(197, 219, 222) }
```


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

```
.border{ border-color:rgb(197, 219, 222) }
```

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

Here you see how a box with a 4 pixel rgb(197, 219, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 219, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 219, 222);  
box-shadow:4px 4px 4px 4px rgb(197, 219,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5423, 67.8073, 78.9517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 219, 222) }
```

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

```
.background{ background-color: rgb(197,  
219, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor