

Converting Colors

XYZ(61.9343, 69.9669, 79.8450)

Have a look what the booklet for
XYZ(61.9343, 69.9669, 79.8450)
contains.

XYZ(61.9673, 69.9765, 80.0528)	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(61.9673, 69.9765,
80.0528)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E0DF
RGB	193, 224, 223
RGB Percent	76%, 88%, 87%
CMY	0.2431, 0.1215, 0.1255
CMYK	0.14, 0.00, 0.00, 0.12
HSL	178°, 33%, 82%
HSV	178°, 14%, 88%
XYZ	61.9673, 69.9765, 80.0528
YIQ	214.6170, -18.1550, -6.8830

Conversions

Conversions Part 2

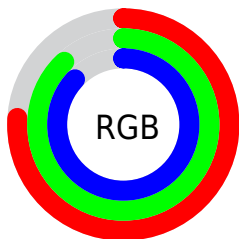
Format	Color
R _Y B	193, 209, 224
Decimal	12706015
CIE Lab	86.99, -10.35, -2.95
CIE LCh	87, 10.759, 195.911
Yxy	69.9765, 0.2923, 0.3301
Android (android.graphics.Color)	4290896095 (0xFFC1E0DF)
YUV	214.6170, 4.1328, -18.9581
Hunter-Lab	83.6520, -14.1625, 1.8173

Details

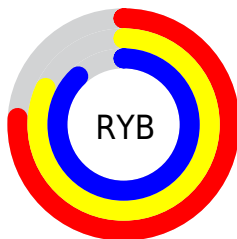
The XYZ color **61.9673, 69.9765, 80.0528** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.5506, 57.8843, 59.0763**, and the grayscale version is **64.3158, 67.6652, 73.6874**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **31.9033, 36.6921, 42.4466** is the 20% darker color. If you saturate the color by 10%, you get **56.5868, 67.2159, 79.2933**, and if you desaturate by 10%, it is **68.2171, 73.1890, 80.8581**.

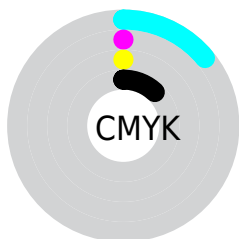
Distribution



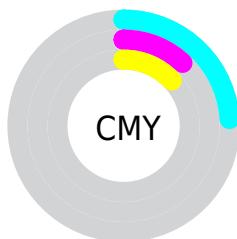
- Red (76%)
- Green (88%)
- Blue (87%)



- Red (76%)
- Yellow (82%)
- Blue (88%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9673, 69.9765, 80.0528 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 61.9673, 69.9765, 80.0528 by changing the saturation by 10% instead.

61.9673, 69.9765,
80.0528

61.9673, 69.9765,
80.0528

421.5313,
460.4675, 514.8222

45.2618, 51.5074,
59.2354

106.7685,
119.1752, 135.2520

31.8658, 36.6126,
42.3814

135.5948,
150.6736, 170.4709

21.4141, 24.9077,
29.0722

169.1922,
187.2839, 211.3274

13.5412, 16.0083,
18.8894

207.9259,
229.3905, 258.2400

7.8818, 9.5300,
11.4144

252.1613,
277.3778, 311.6272

4.0706, 5.0885,
6.2286

302.2637,

1.7421, 2.2993,

331.6301, 371.9076

2.9136

358.5986,
392.5319, 439.4998

■ 0.4824, 0.7733,
1.0507

■ 0.0000, 0.0000,
0.0000

■ 61.9673, 69.9765,
80.0528

■ 61.9673, 69.9765,
80.0528

■ 56.5868, 67.2159,
79.2933

■ 68.2171, 73.1890,
80.8581

■ 52.0309, 64.8785,
78.5732

■ 75.3666, 76.8633,
81.7062

■ 48.2599, 62.9456,
77.8919

■ 81.5116, 80.0197,
82.5094

■ 45.2283, 61.3939,
77.2475

■ 81.6108, 80.0594,
83.0320

■ 42.8862, 60.1976,
76.6374

■ 81.7105, 80.0993,
83.5567

■ 41.1774, 59.3277,
76.0592

■ 81.8105, 80.1393,
84.0837

■ 40.0368, 58.7507,
75.5098

■ 81.9110, 80.1795,
84.6128

■ 39.3857, 58.4259,
74.9854

■ 82.0119, 80.2199,
85.1442

■ 39.1496, 58.3109,
74.6712

■ 82.1133, 80.2604,
85.6779

Harmonies

Analogous

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



61.9294, 69.9765, 72.8704



61.9673, 69.9765, 80.0528



63.2021, 69.9765, 86.5797

Triad

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



61.9673, 69.9765, 80.0528



70.0449, 69.9765, 86.2412



67.6948, 69.9765, 63.5330

Complementary

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



61.9673, 69.9765, 80.0528



59.5506, 57.8843, 59.0763

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.



69.9325, 69.9765, 66.6712



61.9673, 69.9765, 80.0528



71.3123, 69.9765, 79.6141

Square

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



61.9673, 69.9765, 80.0528



67.8451, 69.9765, 90.3034



71.2706, 69.9765, 72.4584



65.1936, 69.9765, 63.6340

Rectangle

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



61.9673, 69.9765, 80.0528



64.5561, 69.9765, 89.5488



71.2706, 69.9765, 72.4584



68.5041, 69.9765, 64.2350

Sweetspot

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



61.9693, 69.9794, 80.0544



91.3433, 98.0953, 108.4494



58.5401, 68.6383, 60.6165



19.4067, 20.9222, 23.1947



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.



61.9693, 69.9794, 80.0544



80.6355, 92.5951, 107.0508



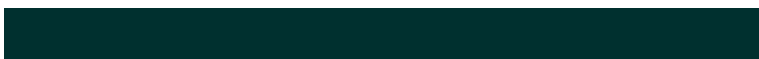
58.3805, 62.5847, 79.5275



14.0964, 15.5643, 17.5429



22.7955, 33.9431, 43.5077



1.5862, 2.3552, 3.0479

Inverse Universe

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



59.5506, 57.8843, 59.0763



76.7130, 72.9789, 73.0291



62.7947, 64.5522, 59.6036



13.7251, 13.7077, 14.3227



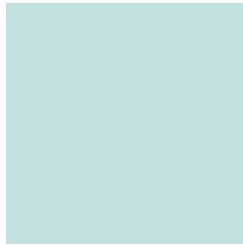
17.9244, 9.2368, 1.0017



1.2488, 0.6428, 0.1033

Previews

White Background



This preview shows how the XYZ color 61.9673, 69.9765, 80.0528 looks on a white background.

Color Contrast Check

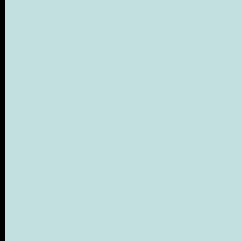
Large Text (above 18pt) WCAG AA × Fail

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 61.9673, 69.9765, 80.0528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

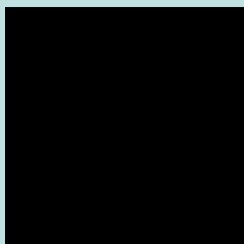
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

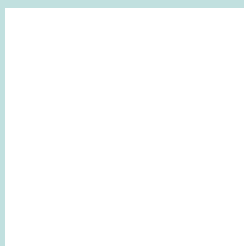
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9673, 69.9765, 80.0528

Background



This preview shows how black text looks on a background with the XYZ color 61.9673, 69.9765, 80.0528.

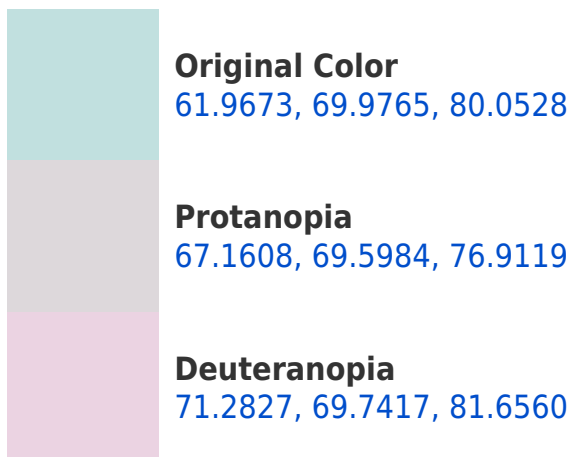


This preview shows how white text looks on a background with the XYZ color 61.9673, 69.9765,

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

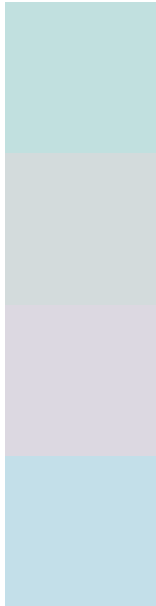




Tritanopia

64.4662, 70.2103, 91.8156

Trichromacy



Original Color

61.9673, 69.9765, 80.0528

Protanomaly

65.1138, 69.6792, 77.7277

Deuteranomaly

67.6617, 69.7636, 81.1337

Tritanomaly

63.6013, 70.2606, 87.3003

Monochromacy



Original Color

61.9673, 69.9765, 80.0528

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.4584, 68.4702, 76.2011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9673, 69.9765, 80.0528 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(193, 224, 223) looks like.

```
.text, #text, p{  
    color:rgb(193, 224, 223)  
}
```

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(193, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 224, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.9673, 69.9765, 80.0528 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(193, 224, 223) }
```


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

```
.border{ border-color:rgb(193, 224, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 224, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 224, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 224, 223); box-shadow:4px 4px 4px 4px rgb(193, 224, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9673, 69.9765, 80.0528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 224, 223) }
```

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

```
.background{ background-color: rgb(193,  
224, 223) }
```

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