

Converting Colors

XYZ(59.7079, 68.6195, 81.0071)

Have a look what the booklet for
XYZ(59.7079, 68.6195, 81.0071)
contains.

XYZ(59.7747, 68.8148, 81.3663)	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(59.7747, 68.8148,
81.3663)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E0E1
RGB	183, 224, 225
RGB Percent	72%, 88%, 88%
CMY	0.2823, 0.1216, 0.1176
CMYK	0.19, 0.00, 0.00, 0.12
HSL	181°, 41%, 80%
HSV	181°, 19%, 88%
XYZ	59.7747, 68.8148, 81.3663
YIQ	211.8550, -24.7570, -8.3810

Conversions

Conversions Part 2

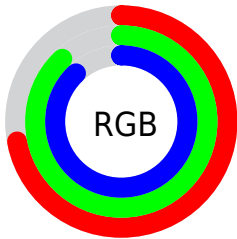
Format	Color
RYB	183, 204, 225
Decimal	12050657
CIELab	86.41, -13.05, -4.92
CIElCh	86, 13.948, 200.652
Yxy	68.8148, 0.2847, 0.3278
Android (android.graphics.Color)	4290240737 (0xFFB7E0E1)
YUV	211.8550, 6.4805, -25.3058
Hunter-Lab	82.9547, -16.5489, -0.0865

Details

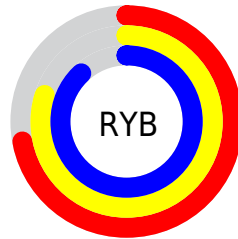
The XYZ color **59.7747, 68.8148, 81.3663** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.7397, 53.7076, 52.1772**, and the grayscale version is **62.4547, 65.7072, 71.5552**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **30.4969, 35.9453, 43.3610** is the 20% darker color. If you saturate the color by 10%, you get **54.7022, 65.9888, 81.0893**, and if you desaturate by 10%, it is **65.7072, 72.0884, 81.6866**.

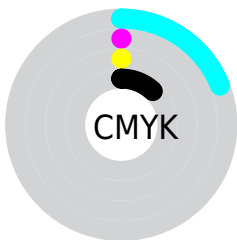
Distribution



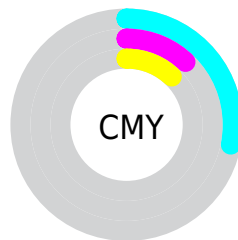
- Red (72%)
- Green (88%)
- Blue (88%)



- Red (72%)
- Yellow (80%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7747, 68.8148, 81.3663 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 59.7747, 68.8148, 81.3663 by changing the saturation by 10% instead.

■ 59.7747, 68.8148,
81.3663

■ 59.7747, 68.8148,
81.3663

413.6149,
456.3775, 519.3532

■ 43.4858, 50.5609,
60.3106

■ 103.6110,
117.5170, 137.1137

■ 30.4627, 35.8593,
43.2421

131.8891,
148.7341, 172.6424

■ 20.3398, 24.3255,
29.7423

164.8943,
185.0411, 213.8325

■ 12.7520, 15.5753,
19.3927

202.9921,
226.8223, 261.1026

■ 7.3338, 9.2241,
11.7747

246.5476,
274.4621, 314.8712

■ 3.7199, 4.8877,
6.4698

295.9264,

■ 1.5449, 2.1815,

328.3450, 375.5568

3.0594

351.4937,
388.8554, 443.5779

■ 0.3561, 0.7099,
1.1250

■ 0.0000, 0.0000,
0.0000

■ 59.7747, 68.8148,
81.3663

■ 59.7747, 68.8148,
81.3663

■ 54.7022, 65.9888,
81.0893

■ 65.7072, 72.0884,
81.6866

■ 50.4430, 63.5810,
80.8490


■ 72.5315, 75.8206,
82.0473


■ 46.9554, 61.5716,
80.6450


■ 80.2852, 80.0326,
82.4516


■ 44.1914, 59.9359,
80.4750


■ 82.0656, 81.1658,
82.5765


 42.0976, 58.6464,
80.3364


 82.2112, 81.4571,
82.6251


 40.6134, 57.6718,
80.2265


 82.3572, 81.7492,
82.6738


 39.6671, 56.9752,
80.1419

 82.5038, 82.0422,
82.7226

 39.1511, 56.5011,
80.0776

 82.6507, 82.3361,
82.7716

 39.0949, 56.4444,
80.0696

 82.7981, 82.6310,
82.8207

Harmonies

Analogous

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



59.4775, 68.8148, 72.0804



59.7747, 68.8148, 81.3663



61.5537, 68.8148, 89.5146

Triad

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



59.7747, 68.8148, 81.3663



70.3190, 68.8148, 86.7588



66.4186, 68.8148, 58.7373

Complementary

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



59.7747, 68.8148, 81.3663



56.7397, 53.7076, 52.1772

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.



69.4166, 68.8148, 62.0182



59.7747, 68.8148, 81.3663



71.7168, 68.8148, 77.8488

Square

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



59.7747, 68.8148, 81.3663



67.6176, 68.8148, 92.8012



71.3812, 68.8148, 68.8379



63.2440, 68.8148, 59.5103

Rectangle

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



59.7747, 68.8148, 81.3663



63.3738, 68.8148, 92.9608



71.3812, 68.8148, 68.8379



67.4820, 68.8148, 59.3918

Sweetspot

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



59.7767, 68.8176, 81.3679



89.5276, 96.9813, 108.6084



55.0752, 67.3671, 55.2844



19.0396, 20.6906, 23.2401



0.0000, 0.0000, 0.0000



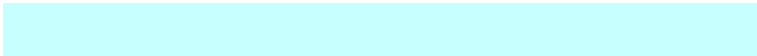
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7767, 68.8176, 81.3679



76.9132, 90.0216, 107.9299



54.5472, 58.3586, 79.6247



14.0872, 15.5136, 17.6396



22.5409, 32.5513, 46.1434



1.5714, 2.2742, 3.2014

Inverse Universe

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



61.4410, 55.2578, 77.9517



79.4767, 69.1954, 102.6547



61.3594, 62.9470, 53.7171



14.2802, 13.9297, 17.2459



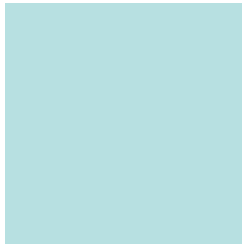
25.3178, 12.1941, 39.9347



1.7594, 0.8470, 2.7919

Previews

White Background



This preview shows how the XYZ color 59.7747, 68.8148, 81.3663 looks on a white background.

Color Contrast Check

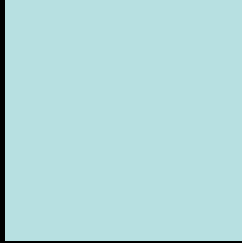
Large Text (above 18pt) WCAG AA × Fail

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 59.7747, 68.8148, 81.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

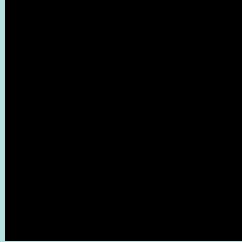
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7747, 68.8148, 81.3663

Background



This preview shows how black text looks on a background with the XYZ color 59.7747, 68.8148, 81.3663.



This preview shows how white text looks on a background with the XYZ color 59.7747, 68.8148,

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

59.7747, 68.8148, 81.3663

Protanopia

66.0001, 68.6208, 76.7844

Deuteranopia

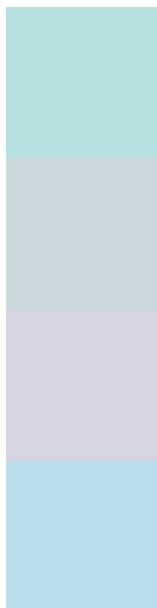
69.7591, 68.1913, 82.8843



Tritanopia

61.9510, 68.9137, 91.6979

Trichromacy



Original Color

59.7747, 68.8148, 81.3663

Protanomaly

63.2994, 68.3424, 78.2618

Deuteranomaly

65.6433, 67.9353, 82.3261

Tritanomaly

61.2465, 69.0302, 87.9380

Monochromacy



Original Color

59.7747, 68.8148, 81.3663

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.1676, 66.5390, 75.2651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7747, 68.8148, 81.3663 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(183, 224, 225) looks like.

```
.text, #text, p{  
    color:rgb(183, 224, 225)  
}
```

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(183, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 224, 225) }
```

Border

The CSS property to change the border of an element to XYZ 59.7747, 68.8148, 81.3663 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(183, 224, 225) }
```


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

```
.border{ border-color:rgb(183, 224, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 224,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7747, 68.8148, 81.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 224, 225) }
```

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

```
.background{ background-color: rgb(183,  
224, 225) }
```

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