

Converting Colors

XYZ(59.7668, 68.5964, 90.9797)

Have a look what the booklet for
XYZ(59.7668, 68.5964, 90.9797)
contains.

XYZ(59.7675, 68.5983, 90.9796)	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(59.7675, 68.5983,
90.9796)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE0EE
RGB	175, 224, 238
RGB Percent	69%, 88%, 93%
CMY	0.3137, 0.1216, 0.0667
CMYK	0.26, 0.06, 0.00, 0.07
HSL	193°, 65%, 81%
HSV	193°, 26%, 93%
XYZ	59.7675, 68.5983, 90.9796
YIQ	210.9450, -33.6980, -6.0340

Conversions

Conversions Part 2

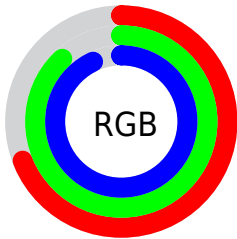
Format	Color
R _Y B	175, 203, 238
Decimal	11526382
CIE Lab	86.30, -12.61, -11.99
CIE LCh	86, 17.396, 223.562
Yxy	68.5983, 0.2725, 0.3127
Android (android.graphics.Color)	4289716462 (0xFFAFE0EE)
YUV	210.9450, 13.3381, -31.5238
Hunter-Lab	82.8241, -16.1330, -7.1513

Details

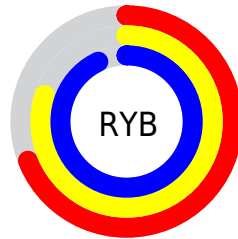
The XYZ color **59.7675, 68.5983, 90.9796** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.1963, 57.6681, 48.4648**, and the grayscale version is **61.8129, 65.0320, 70.8198**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **30.5166, 35.8183, 49.5612** is the 20% darker color. If you saturate the color by 10%, you get **53.4906, 63.2870, 90.2864**, and if you desaturate by 10%, it is **67.0341, 74.4889, 91.7347**.

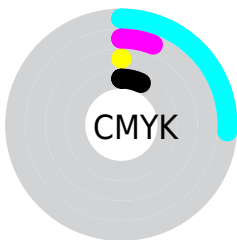
Distribution



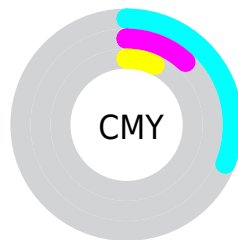
- Red (69%)
- Green (88%)
- Blue (93%)



- Red (69%)
- Yellow (80%)
- Blue (93%)



- Cyan (26%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7675, 68.5983, 90.9796 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 59.7675, 68.5983, 90.9796 by changing the saturation by 10% instead.

■ 59.7675, 68.5983,
90.9796

■ 59.7675, 68.5983,
90.9796

413.5887,
455.6129, 551.8644

■ 43.4800, 50.3846,
68.2151

■ 103.6006,
117.2076, 150.6457

■ 30.4581, 35.7191,
49.6050

131.8769,
148.3721, 188.3845

■ 20.3363, 24.2173,
34.7307

164.8802,
184.6223, 231.9517

■ 12.7494, 15.4949,
23.1736

202.9758,
226.3426, 281.7660

■ 7.3320, 9.1675,
14.5152

246.5291,
273.9174, 338.2459

■ 3.7188, 4.8506,
8.3370

295.9055,

■ 1.5443, 2.1599,

327.7312, 401.8099

4.2205

351.4702,
388.1682, 472.8766

■ 0.3557, 0.6980,
1.7471

■ 0.0000, 0.0000,
0.3927

■ 59.7675, 68.5983,
90.9796

■ 59.7675, 68.5983,
90.9796

■ 53.4906, 63.2870,
90.2864

■ 67.0341, 74.4889,
91.7347

■ 48.1475, 58.5204,
89.6480

■ 75.3305, 80.9748,
92.5494

■ 43.6858, 54.2726,
89.0632

■ 84.7020, 88.0817,
93.4272

■ 40.0455, 50.5121,
88.5292

■ 89.3725, 92.8326,
94.0981

■ 37.1585, 47.2032,
88.0427

■ 90.9967, 96.0808,
94.6394

■ 34.9451, 44.3041,
87.5998

■ 92.4328, 98.9531,
95.1182

■ 33.3058, 41.7630,
87.1957

■ 32.8072, 40.9218,
87.0596

Harmonies

Analogous

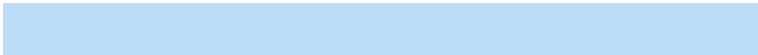
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.9835, 68.5983, 79.9948



59.7675, 68.5983, 90.9796



63.0414, 68.5983, 97.9556

Triad

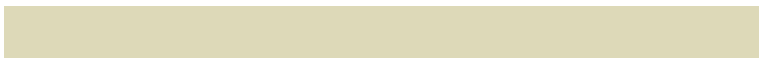
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.7675, 68.5983, 90.9796



72.8851, 68.5983, 81.1215



63.4079, 68.5983, 55.2030

Complementary

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



59.7675, 68.5983, 90.9796



61.1963, 57.6681, 48.4648

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.



67.4086, 68.5983, 55.4380



59.7675, 68.5983, 90.9796



72.9931, 68.5983, 69.6287

Square

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



59.7675, 68.5983, 90.9796



70.6641, 68.5983, 91.8770



70.9534, 68.5983, 60.4743



60.0263, 68.5983, 59.7956

Rectangle

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



59.7675, 68.5983, 90.9796



65.6812, 68.5983, 98.9903



70.9534, 68.5983, 60.4743



64.7224, 68.5983, 54.7355

Sweetspot

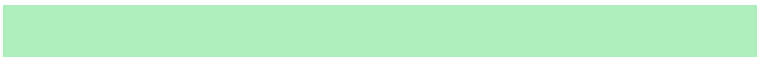
The Sweet Spot groups the original color and five complimentary colors.



59.7696, 68.6011, 90.9812



86.5101, 93.4762, 108.0909



57.4025, 73.9233, 59.1900



18.1924, 19.7564, 23.1045



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.



59.7696, 68.6011, 90.9812



65.6187, 76.6429, 105.9428



52.1502, 53.3623, 88.4414



15.9321, 17.2983, 20.2208



18.4034, 23.0310, 48.6033



1.6034, 2.0608, 4.0675

Inverse Universe

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



64.0461, 54.2207, 77.6141



71.5274, 57.4076, 87.3319



68.6317, 72.5389, 50.9432



16.2952, 15.9678, 19.1106



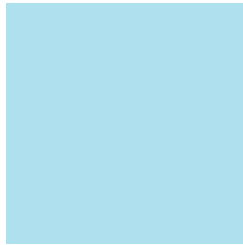
24.6148, 12.1183, 26.9517



2.0843, 1.0228, 2.4347

Previews

White Background



This preview shows how the XYZ color 59.7675, 68.5983, 90.9796 looks on a white background.

Color Contrast Check

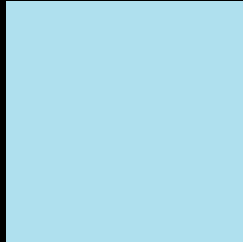
Large Text (above 18pt) WCAG AA × Fail

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 59.7675, 68.5983, 90.9796 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

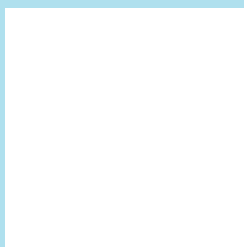
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7675, 68.5983, 90.9796

Background



This preview shows how black text looks on a background with the XYZ color 59.7675, 68.5983, 90.9796.

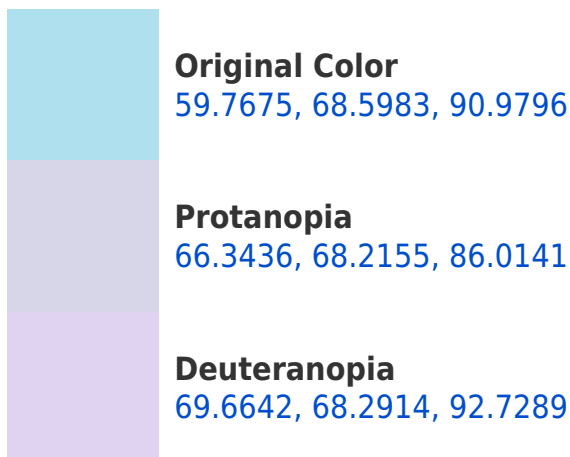


This preview shows how white text looks on a background with the XYZ color 59.7675, 68.5983,

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

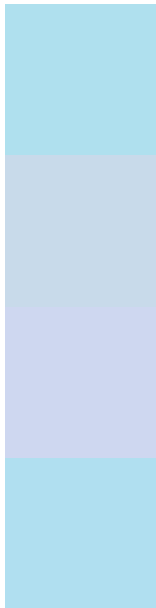




Tritanopia

60.1694, 68.3563, 93.2419

Trichromacy



Original Color

59.7675, 68.5983, 90.9796

Protanomaly

63.7421, 68.3627, 87.6777

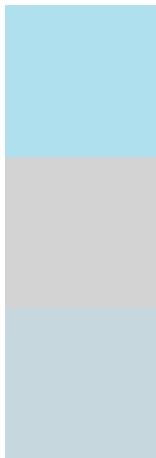
Deuteranomaly

65.4822, 68.0140, 92.1148

Tritanomaly

60.0203, 68.2967, 92.4573

Monochromacy



Original Color

59.7675, 68.5983, 90.9796

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.8957, 66.3380, 78.0016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7675, 68.5983, 90.9796 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(175, 224, 238)` looks like.

```
.text, #text, p{  
    color:rgb(175, 224, 238)  
}
```

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(175, 224, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 224, 238) }
```

Border

The CSS property to change the border of an element to XYZ 59.7675, 68.5983, 90.9796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

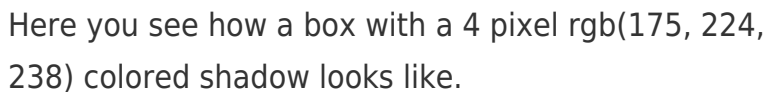
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 224, 238) }
```


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

```
.border{ border-color:rgb(175, 224, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 224, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 224, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 224, 238); box-shadow:4px 4px 4px 4px rgb(175, 224, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7675, 68.5983, 90.9796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 224, 238) }
```

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

```
.background{ background-color: rgb(175,  
224, 238) }
```

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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