

Converting Colors

XYZ(59.5230, 69.8046, 84.4520)

Have a look what the booklet for
XYZ(59.5230, 69.8046, 84.4520)
contains.

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Color

**XYZ(59.5164, 69.8254,
84.4695)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E3E5
RGB	176, 227, 229
RGB Percent	69%, 89%, 90%
CMY	0.3098, 0.1098, 0.1020
CMYK	0.23, 0.01, 0.00, 0.10
HSL	182°, 50%, 79%
HSV	182°, 23%, 90%
XYZ	59.5164, 69.8254, 84.4695
YIQ	211.9790, -31.0380, -10.1900

Conversions

Conversions Part 2

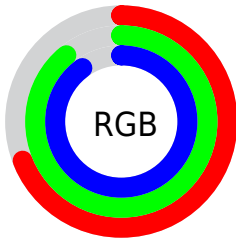
Format	Color
RYB	176, 202, 229
Decimal	11592677
CIELab	86.91, -15.82, -6.34
CIELCh	87, 17.042, 201.832
Yxy	69.8254, 0.2784, 0.3266
Android (android.graphics.Color)	4289782757 (0xFFB0E3E5)
YUV	211.9790, 8.3914, -31.5536
Hunter-Lab	83.5616, -19.0969, -1.4411

Details

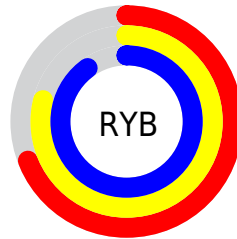
The XYZ color **59.5164, 69.8254, 84.4695** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.0706, 51.6336, 48.0866**, and the grayscale version is **62.5277, 65.7841, 71.6388**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **30.4185, 36.6986, 45.5247** is the 20% darker color. If you saturate the color by 10%, you get **54.5341, 66.9092, 84.1704**, and if you desaturate by 10%, it is **65.3774, 73.1999, 84.8131**.

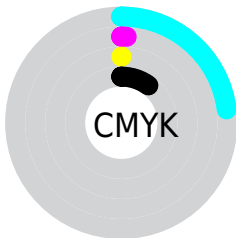
Distribution



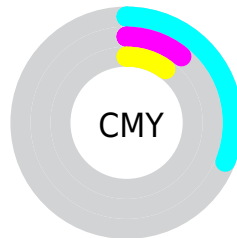
- Red (69%)
- Green (89%)
- Blue (90%)



- Red (69%)
- Yellow (79%)
- Blue (90%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (31%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5164, 69.8254, 84.4695 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 59.5164, 69.8254, 84.4695 by changing the saturation by 10% instead.

■ 59.5164, 69.8254,
84.4695

■ 59.5164, 69.8254,
84.4695

412.6763,
459.9367, 529.9698

■ 43.2769, 51.3842,
62.8555

■ 103.2382,
118.9597, 141.4993

■ 30.2979, 36.5145,
45.2841

131.4512,
150.4217, 177.7522

■ 20.2140, 24.8318,
31.3367

164.3861,
186.9926, 219.7219

■ 12.6599, 15.9518,
20.5947

202.4082,
229.0570, 267.8268

■ 7.2701, 9.4900,
12.6397

245.8829,
276.9992, 322.4855

■ 3.6794, 5.0622,
7.0531

295.1756,

■ 1.5224, 2.2838,

331.2036, 384.1165

3.4164

350.6516,
392.0547, 453.1384

■ 0.3410, 0.7651,
1.3110

■ 0.0000, 0.0000,
0.0708

■ 59.5164, 69.8254,
84.4695

■ 59.5164, 69.8254,
84.4695

■ 54.5341, 66.9092,
84.1704

■ 65.3774, 73.1999,
84.8131

■ 50.3807, 64.4203,
83.9089

■ 72.1516, 77.0452,
85.1982

■ 47.0104, 62.3369,
83.6844

■ 79.8794, 81.3838,
85.6284

■ 44.3709, 60.6319,
83.4944

■ 83.8070, 83.7650,
85.8810

42.4035, 59.2752,
83.3362

84.0483, 84.2478,
85.9615

41.0401, 58.2316,
83.2066

84.2909, 84.7329,
86.0423

40.1987, 57.4588,
83.1018

84.5346, 85.2204,
86.1236

39.8342, 57.0394,
83.0401

84.7796, 85.7103,
86.2052

85.0257, 86.2026,
86.2873

Harmonies

Analogous

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



59.0794, 69.8254, 72.9578



59.5164, 69.8254, 84.4695



61.7512, 69.8254, 94.5850

Triad

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



59.5164, 69.8254, 84.4695



72.5644, 69.8254, 90.3855



67.4597, 69.8254, 56.3393

Complementary

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



59.5164, 69.8254, 84.4695



56.0706, 51.6336, 48.0866

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.



71.2072, 69.8254, 60.0723



59.5164, 69.8254, 84.4695



74.2304, 69.8254, 79.1832

Square

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



59.5164, 69.8254, 84.4695



69.2525, 69.8254, 98.2312



73.7240, 69.8254, 68.1685



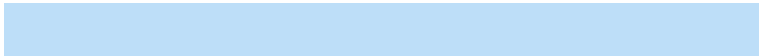
63.5627, 69.8254, 57.4512

Rectangle

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



59.5164, 69.8254, 84.4695



64.0103, 69.8254, 98.8006



73.7240, 69.8254, 68.1685



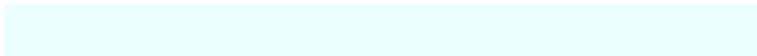
68.7808, 69.8254, 57.0546

Sweetspot

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



59.5184, 69.8282, 84.4711



88.5710, 96.3420, 108.5354



53.9375, 68.4749, 52.3722



18.8443, 20.5567, 23.2246



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.



59.5184, 69.8282, 84.4711



72.6292, 87.1764, 107.6065



52.8731, 56.5376, 82.2560



14.7585, 16.2383, 18.5008



22.7957, 32.6536, 47.4845



1.6991, 2.4422, 3.5138

Inverse Universe

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



61.7052, 53.2562, 79.7035



75.9173, 62.4229, 100.4005



61.8071, 63.1065, 49.9988



14.9704, 14.6054, 18.0446



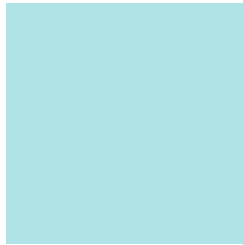
25.8997, 12.4941, 39.9626



1.9213, 0.9262, 2.9919

Previews

White Background



This preview shows how the XYZ color 59.5164, 69.8254, 84.4695 looks on a white background.

Color Contrast Check

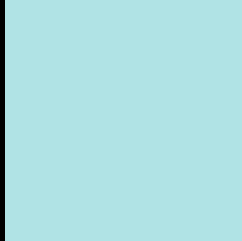
Large Text (above 18pt) WCAG AA × Fail

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 59.5164, 69.8254, 84.4695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

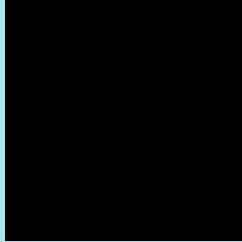
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5164, 69.8254, 84.4695

Background



This preview shows how black text looks on a background with the XYZ color 59.5164, 69.8254, 84.4695.

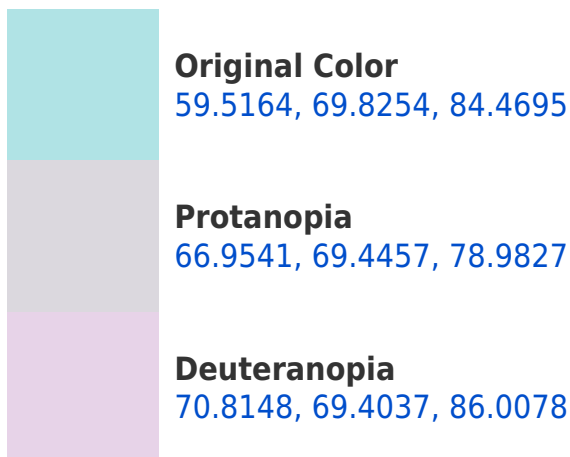


This preview shows how white text looks on a background with the XYZ color 59.5164, 69.8254,

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

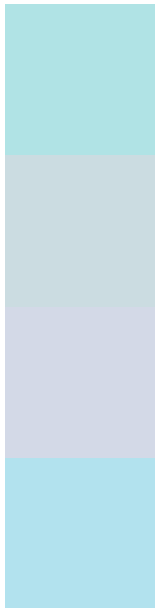




Tritanopia

61.6933, 69.9052, 95.0355

Trichromacy



Original Color

59.5164, 69.8254, 84.4695

Protanomaly

63.8124, 69.3192, 81.2508

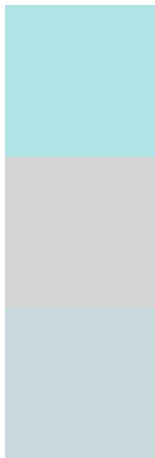
Deuteranomaly

66.1006, 69.2441, 85.4829

Tritanomaly

60.9891, 70.0307, 91.1917

Monochromacy



Original Color

59.5164, 69.8254, 84.4695

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.0209, 66.8298, 76.0130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5164, 69.8254, 84.4695 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(176, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(176, 227, 229)  
}
```

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(176, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 227, 229) }
```

Border

The CSS property to change the border of an element to XYZ 59.5164, 69.8254, 84.4695 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(176, 227, 229) }
```


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

```
.border{ border-color:rgb(176, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 227, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 227, 229); box-shadow:4px 4px 4px 4px rgb(176, 227, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5164, 69.8254, 84.4695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 227, 229) }
```

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

```
.background{ background-color: rgb(176,  
227, 229) }
```

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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