

Converting Colors

XYZ(59.5452, 69.5920, 82.4845)

Have a look what the booklet for
XYZ(59.5452, 69.5920, 82.4845)
contains.

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Color

**XYZ(59.5142, 69.4674,
82.2233)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E2E2
RGB	179, 226, 226
RGB Percent	70%, 89%, 89%
CMY	0.2980, 0.1137, 0.1137
CMYK	0.21, 0.00, 0.00, 0.11
HSL	180°, 45%, 79%
HSV	180°, 21%, 89%
XYZ	59.5142, 69.4674, 82.2233
YIQ	211.9470, -28.0120, -9.9640

Conversions

Conversions Part 2

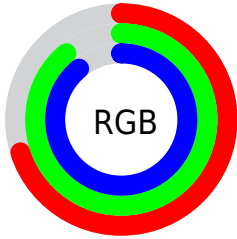
Format	Color
RYB	179, 203, 226
Decimal	11789026
CIELab	86.73, -15.07, -5.00
CIELCh	87, 15.873, 198.353
Yxy	69.4674, 0.2818, 0.3289
Android (android.graphics.Color)	4289979106 (0xFFB3E2E2)
YUV	211.9470, 6.9281, -28.8945
Hunter-Lab	83.3471, -18.3991, -0.1476

Details

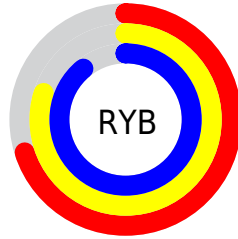
The XYZ color **59.5142, 69.4674, 82.2233** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.6233, 51.6655, 49.6914**, and the grayscale version is **62.5145, 65.7701, 71.6236**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **30.3710, 36.4261, 43.9583** is the 20% darker color. If you saturate the color by 10%, you get **54.7133, 66.9943, 81.9991**, and if you desaturate by 10%, it is **65.1752, 72.3876, 82.4907**.

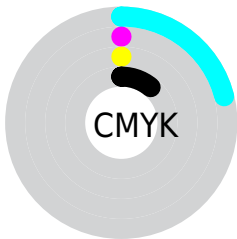
Distribution



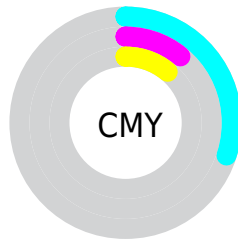
- Red (70%)
- Green (89%)
- Blue (89%)



- Red (70%)
- Yellow (80%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5142, 69.4674, 82.2233 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 59.5142, 69.4674, 82.2233 by changing the saturation by 10% instead.

■ 59.5142, 69.4674,
82.2233

■ 59.5142, 69.4674,
82.2233

412.6683,
458.6777, 522.2974

■ 43.2751, 51.0925,
61.0127

■ 103.2350,
118.4489, 138.3266

■ 30.2965, 36.2822,
43.8048

131.4474,
149.8243, 174.0564

■ 20.2130, 24.6522,
30.1810

164.3817,
186.3019, 215.4630

■ 12.6591, 15.8181,
19.7228

202.4032,
228.2662, 262.9650

■ 7.2696, 9.3956,
12.0116

245.8773,
276.1015, 316.9809

■ 3.6791, 5.0001,
6.6290

295.1692,

■ 1.5222, 2.2473,

330.1923, 377.9292

3.1563

350.6445,
390.9229, 446.2285

■ 0.3409, 0.7456,
1.1750

■ 0.0000, 0.0000,
0.0000

■ 59.5142, 69.4674,
82.2233

■ 59.5142, 69.4674,
82.2233

■ 54.7133, 66.9943,
81.9991

■ 65.1752, 72.3876,
82.4907

■ 50.7248, 64.9381,
81.8114

■ 71.7292, 75.7662,
82.7985

■ 47.5055, 63.2786,
81.6597

■ 79.2144, 79.6250,
83.1498

■ 45.0061, 61.9901,
81.5417

■ 82.1661, 81.1466,
83.2890

■ 43.1710, 61.0441,
81.4547

■ 82.1663, 81.1467,
83.2901

■ 41.9372, 60.4081,
81.3960

■ 82.1665, 81.1467,
83.2911

■ 41.2289, 60.0429,
81.3618

■ 82.1667, 81.1468,
83.2921

■ 40.9237, 59.8856,
81.3465

■ 82.1669, 81.1469,
83.2932

■ 82.1671, 81.1470,
83.2942

Harmonies

Analogous

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



59.3139, 69.4674, 71.6067



59.5142, 69.4674, 82.2233



61.4197, 69.4674, 91.8736

Triad

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



59.5142, 69.4674, 82.2233



71.4758, 69.4674, 89.9722



67.4705, 69.4674, 57.4190

Complementary

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



59.5142, 69.4674, 82.2233



55.6233, 51.6655, 49.6914

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.



70.8584, 69.4674, 61.4378



59.5142, 69.4674, 82.2233



73.2278, 69.4674, 79.8182

Square

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



59.5142, 69.4674, 82.2233



68.2877, 69.4674, 96.6268



72.9977, 69.4674, 69.4144



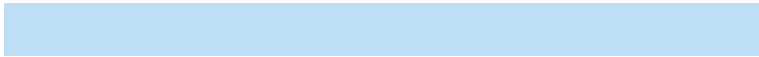
63.8162, 69.4674, 57.9328

Rectangle

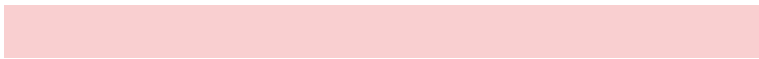
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.5142, 69.4674, 82.2233



63.4419, 69.4674, 96.1568



72.9977, 69.4674, 69.4144



68.6807, 69.4674, 58.2682

Sweetspot

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



59.5162, 69.4702, 82.2249



89.6433, 97.2127, 108.6461



54.1071, 67.3276, 52.7928



19.0671, 20.7455, 23.2491



0.0000, 0.0000, 0.0000



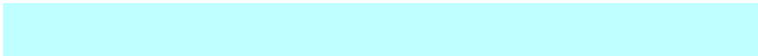
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5162, 69.4702, 82.2249



75.3581, 89.8485, 107.9750



53.7428, 57.9227, 80.3024



14.1166, 15.5724, 17.6492



23.3459, 34.1632, 46.4062



1.6182, 2.3680, 3.2167

Inverse Universe

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



55.6233, 51.6655, 49.6914



69.3573, 62.4035, 57.8265



60.5573, 61.5341, 51.3346



13.7073, 13.7006, 14.2290



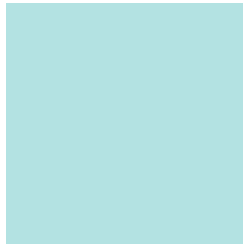
17.8933, 9.2243, 0.8377



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 59.5142, 69.4674, 82.2233 looks on a white background.

Color Contrast Check

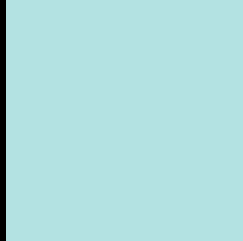
Large Text (above 18pt) WCAG AA × Fail

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 59.5142, 69.4674, 82.2233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

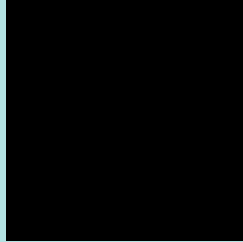
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5142, 69.4674, 82.2233

Background



This preview shows how black text looks on a background with the XYZ color 59.5142, 69.4674, 82.2233.

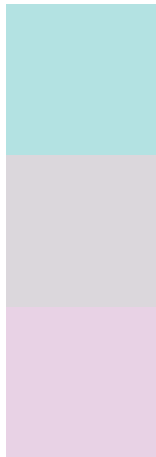


This preview shows how white text looks on a background with the XYZ color 59.5142, 69.4674,

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

59.5142, 69.4674, 82.2233

Protanopia

66.4321, 68.8283, 77.4940

Deuteranopia

70.4682, 68.9061, 83.7149



Tritanopia

61.8242, 69.6073, 93.3961

Trichromacy



Original Color

59.5142, 69.4674, 82.2233

Protanomaly

63.4182, 68.7743, 79.0395

Deuteranomaly

66.0000, 68.8593, 83.2114

Tritanomaly

61.1216, 69.7303, 89.5947

Monochromacy



Original Color

59.5142, 69.4674, 82.2233

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.1567, 66.9148, 75.3382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5142, 69.4674, 82.2233 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(179, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(179, 226, 226)  
}
```

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(179, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 59.5142, 69.4674, 82.2233 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(179, 226, 226) }
```


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

```
.border{ border-color:rgb(179, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(179, 226,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5142, 69.4674, 82.2233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 226, 226) }
```

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

```
.background{ background-color: rgb(179,  
226, 226) }
```

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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