

Converting Colors

XYZ(57.4909, 69.2749, 96.1755)

Have a look what the booklet for
XYZ(57.4909, 69.2749, 96.1755)
contains.

XYZ(57.4853, 69.3426, 95.9426)	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(57.4853, 69.3426,
95.9426)**

Conversions

Conversions Part 1

Format	Color
Hex	99E5F4
RGB	153, 229, 244
RGB Percent	60%, 90%, 96%
CMY	0.4000, 0.1019, 0.0431
CMYK	0.37, 0.06, 0.00, 0.04
HSL	190°, 81%, 78%
HSV	190°, 37%, 96%
XYZ	57.4853, 69.3426, 95.9426
YIQ	207.9860, -50.1110, -11.4470

Conversions

Conversions Part 2

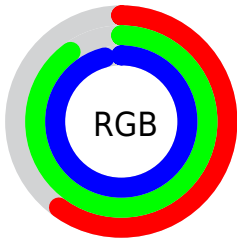
Format	Color
R _Y B	153, 194, 244
Decimal	10085876
CIE Lab	86.67, -19.72, -14.72
CIE LCh	87, 24.605, 216.738
Yxy	69.3426, 0.2580, 0.3113
Android (android.graphics.Color)	4288275956 (0xFF99E5F4)
YUV	207.9860, 17.7549, -48.2227
Hunter-Lab	83.2722, -22.5025, -10.0208

Details

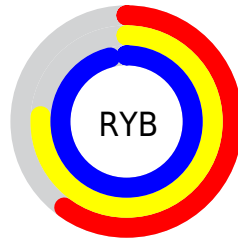
The XYZ color **57.4853, 69.3426, 95.9426** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.0617, 49.5391, 36.6932**, and the grayscale version is **59.8587, 62.9760, 68.5809**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **28.9504, 36.0594, 53.0113** is the 20% darker color. If you saturate the color by 10%, you get **52.2431, 65.0090, 95.3836**, and if you desaturate by 10%, it is **63.6991, 74.2186, 96.5575**.

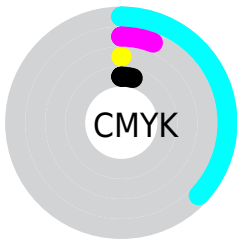
Distribution



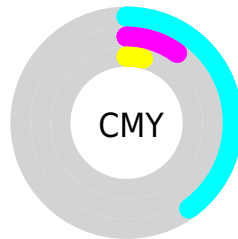
- Red (60%)
- Green (90%)
- Blue (96%)



- Red (60%)
- Yellow (76%)
- Blue (96%)



- Cyan (37%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4853, 69.3426, 95.9426 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 57.4853, 69.3426, 95.9426 by changing the saturation by 10% instead.

57.4853, 69.3426,
95.9426

57.4853, 69.3426,
95.9426

405.2501,
458.2384, 568.2395

41.6367, 50.9908,
72.3185

100.3002,
118.2708, 157.5730

29.0068, 36.2013,
52.9305

127.9972,
149.6159, 196.4163

19.2302, 24.5897,
37.3599

160.3744,
186.0610, 241.1699

11.9418, 15.7716,
25.1883

197.7971,
227.9903, 292.2522

6.7759, 9.3627,
15.9971

240.6307,
275.7883, 350.0818

3.3675, 4.9785,
9.3678

289.2404,

1.3509, 2.2347,

329.8394, 415.0771

4.8818

343.9918,
390.5279, 487.6569

■ 0.2209, 0.7388,
2.1205

■ 0.0000, 0.0000,
0.6280

■ 57.4853, 69.3426,
95.9426

■ 57.4853, 69.3426,
95.9426

■ 52.2431, 65.0090,
95.3836

■ 63.6991, 74.2186,
96.5575

■ 47.9082, 61.1795,
94.8729

■ 70.9313, 79.6565,
97.2259

■ 44.4184, 57.8234,
94.4091

■ 79.2330, 85.6846,
97.9519

■ 41.7008, 54.9029,
93.9886

■ 88.6502, 92.3267,
98.7376

■ 39.6698, 52.3735,
93.6074

■ 91.4794, 95.6118,
99.2226

■ 38.2136, 50.1775,
93.2603

■ 92.7365, 98.1260,
99.6416

■ 37.8717, 49.6165,
93.1700

■ 93.3294, 99.3117,
99.8392

Harmonies

Analogous

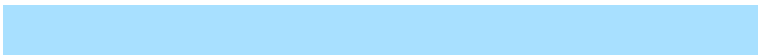
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.5829, 69.3426, 79.2565



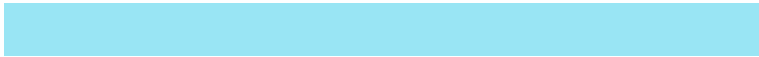
57.4853, 69.3426, 95.9426



61.6612, 69.3426, 108.2759

Triad

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



57.4853, 69.3426, 95.9426



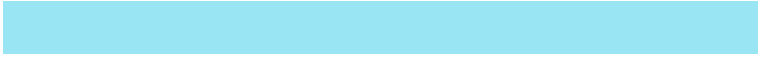
76.5318, 69.3426, 88.6311



64.6267, 69.3426, 48.3542

Complementary

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



57.4853, 69.3426, 95.9426



57.0617, 49.5391, 36.6932

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.



70.3456, 69.3426, 50.1152



57.4853, 69.3426, 95.9426



77.4388, 69.3426, 71.8686

Square

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



57.4853, 69.3426, 95.9426



72.7045, 69.3426, 103.6464



75.1158, 69.3426, 58.1932



59.5490, 69.3426, 52.9786

Rectangle

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



57.4853, 69.3426, 95.9426



65.2845, 69.3426, 111.4972



75.1158, 69.3426, 58.1932



66.5356, 69.3426, 48.2307

Sweetspot

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



57.4874, 69.3453, 95.9442



84.0157, 92.1486, 107.9661



52.4318, 74.2522, 47.9601



17.7139, 19.5286, 23.0857



0.0000, 0.0000, 0.0000



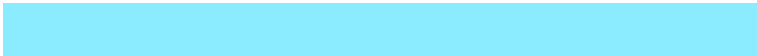
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4874, 69.3453, 95.9442



58.9282, 72.8588, 105.5650



46.7852, 47.9409, 92.3768



16.7506, 18.2655, 21.1853



20.6787, 27.1512, 50.6888



1.8780, 2.5074, 4.4752

Inverse Universe

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



62.8440, 47.6745, 80.0216



65.8078, 46.1506, 84.8634



66.6404, 68.6966, 39.8861



17.0895, 16.7186, 20.2176



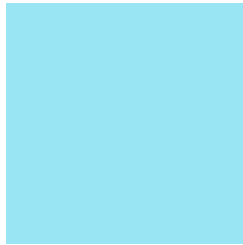
26.2422, 12.8403, 32.3132



2.3370, 1.1408, 3.0010

Previews

White Background



This preview shows how the XYZ color 57.4853, 69.3426, 95.9426 looks on a white background.

Color Contrast Check

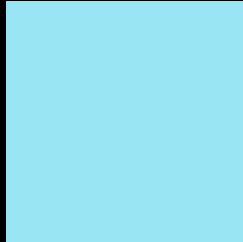
Large Text (above 18pt) WCAG AA × Fail

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 57.4853, 69.3426, 95.9426 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 57.4853, 69.3426, 95.9426

Background



This preview shows how black text looks on a background with the XYZ color 57.4853, 69.3426, 95.9426.

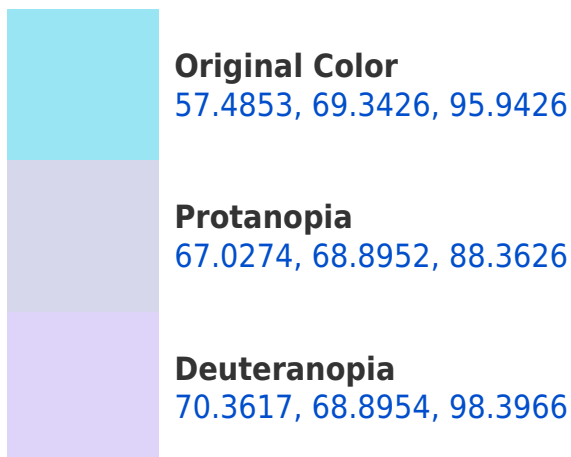


This preview shows how white text looks on a background with the XYZ color 57.4853, 69.3426,

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

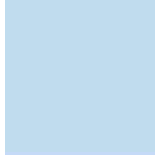
58.1342, 69.6240, 98.3705

Trichromacy



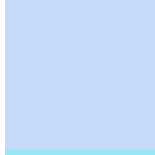
Original Color

57.4853, 69.3426, 95.9426



Protanomaly

62.7640, 68.5659, 90.8154



Deuteranomaly

64.8859, 68.7285, 97.8418



Tritanomaly

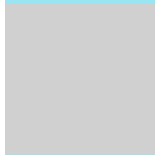
57.9803, 69.5625, 97.5598

Monochromacy



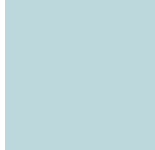
Original Color

57.4853, 69.3426, 95.9426



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

58.3460, 65.0236, 77.8822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4853, 69.3426, 95.9426 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(153, 229, 244)` looks like.

```
.text, #text, p{  
    color:rgb(153, 229, 244)  
}
```

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(153, 229, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 229, 244) }
```

Border

The CSS property to change the border of an element to XYZ 57.4853, 69.3426, 95.9426 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(153, 229, 244) }
```


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

```
.border{ border-color:rgb(153, 229, 244) }
```

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

Here you see how a box with a 4 pixel rgb(153, 229, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 229, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 229, 244);  
box-shadow:4px 4px 4px 4px rgb(153, 229,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4853, 69.3426, 95.9426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 229, 244) }
```

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

```
.background{ background-color: rgb(153,  
229, 244) }
```

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