

Converting Colors

XYZ(57.4302, 68.0925, 95.7043)

Have a look what the booklet for
XYZ(57.4302, 68.0925, 95.7043)
contains.

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Color

**XYZ(57.4301, 68.0925,
95.7042)**

Conversions

Conversions Part 1

Format	Color
Hex	9DE2F4
RGB	157, 226, 244
RGB Percent	62%, 89%, 96%
CMY	0.3843, 0.1137, 0.0431
CMYK	0.36, 0.07, 0.00, 0.04
HSL	192°, 80%, 79%
HSV	192°, 36%, 96%
XYZ	57.4301, 68.0925, 95.7042
YIQ	207.4210, -46.9020, -9.0300

Conversions

Conversions Part 2

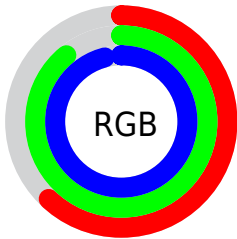
Format	Color
RYB	157, 195, 244
Decimal	10347252
CIELab	86.05, -17.18, -15.63
CIELCh	86, 23.223, 222.297
Yxy	68.0925, 0.2596, 0.3078
Android (android.graphics.Color)	4288537332 (0xFF9DE2F4)
YUV	207.4210, 18.0334, -44.2192
Hunter-Lab	82.5182, -20.1763, -11.0015

Details

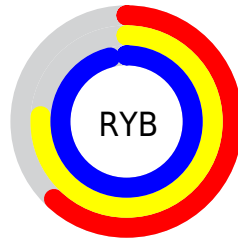
The XYZ color **57.4301, 68.0925, 95.7042** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.7250, 52.3281, 38.9051**, and the grayscale version is **59.4903, 62.5884, 68.1588**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **29.1195, 35.5814, 52.9101** is the 20% darker color. If you saturate the color by 10%, you get **51.7847, 63.1760, 95.0539**, and if you desaturate by 10%, it is **64.0707, 73.5852, 96.4156**.

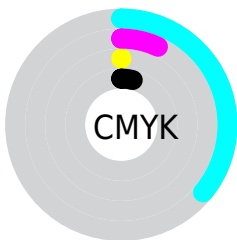
Distribution



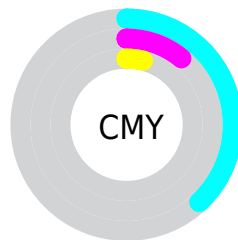
- Red (62%)
- Green (89%)
- Blue (96%)



- Red (62%)
- Yellow (76%)
- Blue (96%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4301, 68.0925, 95.7042 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 57.4301, 68.0925, 95.7042 by changing the saturation by 10% instead.

■ 57.4301, 68.0925,
95.7042

■ 57.4301, 68.0925,
95.7042

405.0472,
453.8237, 567.4588

■ 41.5921, 49.9730,
72.1211

■ 100.2202,
116.4845, 157.2411

■ 28.9718, 35.3919,
52.7702

■ 127.9031,
147.5257, 196.0319

■ 19.2036, 23.9649,
37.2329

160.2650,
183.6430, 240.7291

■ 11.9224, 15.3076,
25.0906

197.6713,
225.2207, 291.7511

■ 6.7627, 9.0356,
15.9250

240.4873,
272.6432, 349.5166

■ 3.3591, 4.7644,
9.3173

289.0783,

■ 1.3464, 2.1097,

326.2950, 414.4440

4.8491

343.8099,
386.5603, 486.9519

■ 0.2175, 0.6701,
2.1018

■ 0.0000, 0.0000,
0.6168

■ 57.4301, 68.0925,
95.7042

■ 57.4301, 68.0925,
95.7042

■ 51.7847, 63.1760,
95.0539

■ 64.0707, 73.5852,
96.4156

■ 47.0710, 58.7977,
94.4573

■ 71.7527, 79.6737,
97.1859

■ 43.2277, 54.9271,
93.9127

■ 80.5269, 86.3863,
98.0191

■ 40.1834, 51.5268,
93.4169

■ 90.4389, 93.7469,
98.9174

■ 37.8547, 48.5533,
92.9657

■ 92.1423, 96.9377,
99.4435

■ 36.1386, 45.9530,
92.5542

■ 93.3294, 99.3117,
99.8392

■ 35.5155, 44.9041,
92.3846

Harmonies

Analogous

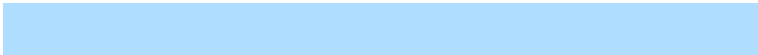
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.2123, 68.0925, 80.5708



57.4301, 68.0925, 95.7042



61.6526, 68.0925, 105.7715

Triad

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



57.4301, 68.0925, 95.7042



74.9844, 68.0925, 83.4312



62.5612, 68.0925, 48.9978

Complementary

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



57.4301, 68.0925, 95.7042



58.7250, 52.3281, 38.9051

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.



67.8872, 68.0925, 49.5436



57.4301, 68.0925, 95.7042



75.2608, 68.0925, 68.0630

Square

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



57.4301, 68.0925, 95.7042



71.8662, 68.0925, 98.0443



72.6018, 68.0925, 56.0877



58.0637, 68.0925, 54.4778

Rectangle

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



57.4301, 68.0925, 95.7042



65.1316, 68.0925, 107.5129



72.6018, 68.0925, 56.0877



64.3099, 68.0925, 48.5064

Sweetspot

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



57.4322, 68.0952, 95.7058



83.6495, 91.4162, 107.8440



53.9358, 74.9424, 51.8734



17.6261, 19.3532, 23.0565



0.0000, 0.0000, 0.0000



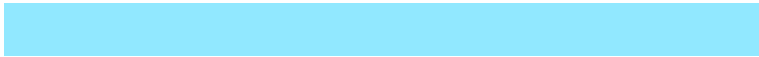
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4322, 68.0952, 95.7058



58.7347, 71.1632, 105.2480



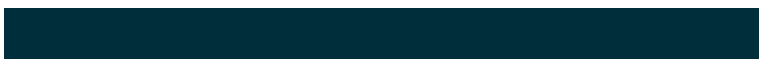
47.1894, 47.6097, 92.2915



16.6886, 18.1415, 21.1646



19.4126, 24.6189, 50.2668



1.7777, 2.3068, 4.4418

Inverse Universe

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



63.0943, 48.8397, 78.0561



66.0295, 47.4621, 82.2609



68.4409, 71.7598, 42.1437



17.0582, 16.7061, 20.0528



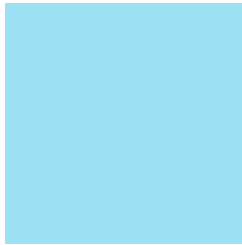
25.6031, 12.5847, 28.9479



2.2864, 1.1205, 2.7343

Previews

White Background



This preview shows how the XYZ color 57.4301, 68.0925, 95.7042 looks on a white background.

Color Contrast Check

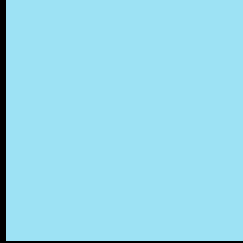
Large Text (above 18pt) WCAG AA × Fail

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 57.4301, 68.0925, 95.7042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

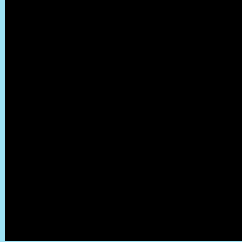
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4301, 68.0925, 95.7042

Background



This preview shows how black text looks on a background with the XYZ color 57.4301, 68.0925, 95.7042.

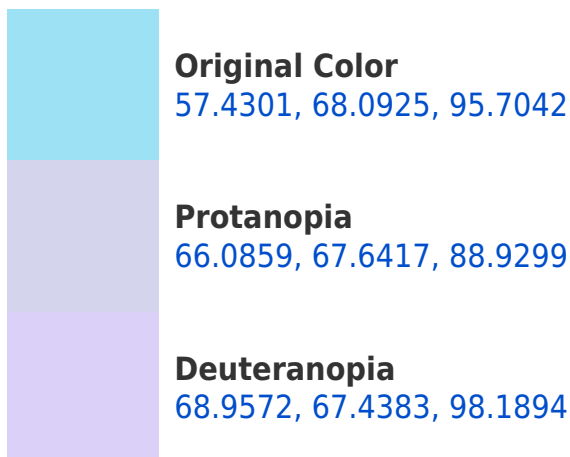


This preview shows how white text looks on a background with the XYZ color 57.4301, 68.0925,

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

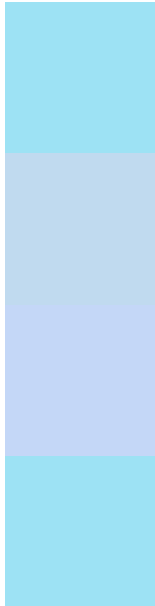




Tritanopia

57.4301, 68.0925, 95.7042

Trichromacy



Original Color

57.4301, 68.0925, 95.7042

Protanomaly

62.3896, 67.5813, 91.4176

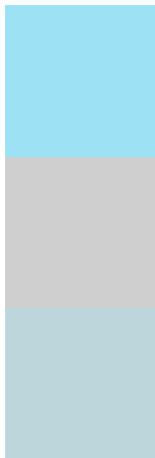
Deuteranomaly

63.8539, 67.0520, 97.5726

Tritanomaly

57.4301, 68.0925, 95.7042

Monochromacy



Original Color

57.4301, 68.0925, 95.7042

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.9511, 64.0793, 77.0243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4301, 68.0925, 95.7042 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(157, 226, 244)` looks like.

```
.text, #text, p{  
    color:rgb(157, 226, 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(157, 226, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 226, 244) }
```

Border

The CSS property to change the border of an element to XYZ 57.4301, 68.0925, 95.7042 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(157, 226, 244) }
```


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

```
.border{ border-color:rgb(157, 226, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 226, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 226, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 226, 244);  
box-shadow:4px 4px 4px 4px rgb(157, 226,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4301, 68.0925, 95.7042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 226, 244) }
```

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

```
.background{ background-color: rgb(157,  
226, 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](#).

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