

Converting Colors

XYZ(54.9540, 64.9135, 91.2945)

Have a look what the booklet for
XYZ(54.9540, 64.9135, 91.2945)
contains.

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Color

**XYZ(54.9540, 64.9135,
91.2945)**

Conversions

Conversions Part 1

Format	Color
Hex	9BDDEF
RGB	155, 221, 239
RGB Percent	61%, 87%, 94%
CMY	0.3921, 0.1333, 0.0627
CMYK	0.35, 0.08, 0.00, 0.06
HSL	193°, 72%, 77%
HSV	193°, 35%, 94%
XYZ	54.9540, 64.9135, 91.2945
YIQ	203.3180, -45.1140, -8.3940

Conversions

Conversions Part 2

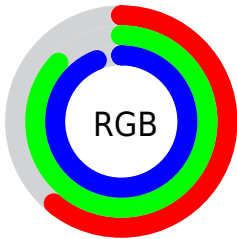
Format	Color
RYB	155, 192, 239
Decimal	10214895
CIELab	84.44, -16.39, -15.42
CIELCh	84, 22.503, 223.262
Yxy	64.9135, 0.2602, 0.3074
Android (android.graphics.Color)	4288404975 (0xFF9BDDEF)
YUV	203.3180, 17.5912, -42.3749
Hunter-Lab	80.5689, -19.2453, -10.7846

Details

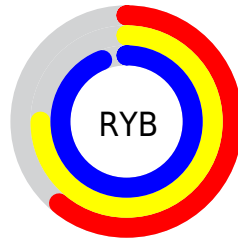
The XYZ color **54.9540, 64.9135, 91.2945** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.4575, 50.6051, 37.8040**, and the grayscale version is **56.8794, 59.8415, 65.1674**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **27.4390, 33.4007, 49.8005** is the 20% darker color. If you saturate the color by 10%, you get **49.4823, 60.1176, 90.6583**, and if you desaturate by 10%, it is **61.3787, 70.2650, 91.9899**.

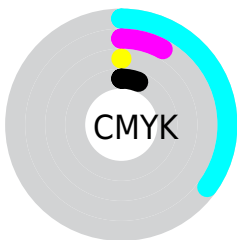
Distribution



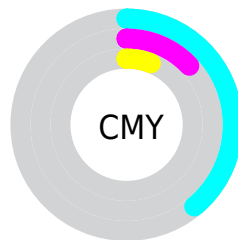
- Red (61%)
- Green (87%)
- Blue (94%)



- Red (61%)
- Yellow (75%)
- Blue (94%)



- Cyan (35%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (39%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9540, 64.9135, 91.2945 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 54.9540, 64.9135, 91.2945 by changing the saturation by 10% instead.

■ 54.9540, 64.9135,
91.2945

■ 54.9540, 64.9135,
91.2945

395.8768,
442.4811, 552.9113

■ 39.5986, 47.3909,
68.4750

■ 96.6223, 111.9255,
151.0864

■ 27.4085, 33.3448,
49.8152

■ 123.6658,
142.1837, 188.8959

■ 18.0184, 22.3907,
34.8964

155.3362,
177.4559, 232.5392

■ 11.0630, 14.1443,
23.3002

191.9986,
218.1266, 282.4349

■ 6.1768, 8.2211,
14.6079

234.0186,
264.5800, 339.0013

■ 2.9946, 4.2367,
8.4011

281.7613,

■ 1.1509, 1.8069,

317.2006, 402.6572

4.2613

335.5923,
376.3729, 473.8210

■ 0.0671, 0.4914,
1.7697

■ 0.0000, 0.0000,
0.4079

■ 54.9540, 64.9135,
91.2945

■ 54.9540, 64.9135,
91.2945

■ 49.4823, 60.1176,
90.6583

■ 61.3787, 70.2650,
91.9899

■ 44.9034, 55.8411,
90.0742

■ 68.8001, 76.1906,
92.7425

■ 41.1594, 52.0551,
89.5408

■ 77.2666, 82.7171,
93.5561

■ 38.1829, 48.7245,
89.0548

■ 86.8211, 89.8674,
94.4326

■ 35.8954, 45.8080,
88.6124

■ 89.9613, 93.7742,
95.0212

■ 34.2003, 43.2554,
88.2090

■ 91.5456, 96.9428,
95.5493

■ 33.5193, 42.1102,
88.0239

■ 92.5802, 99.0121,
95.8942

Harmonies

Analogous

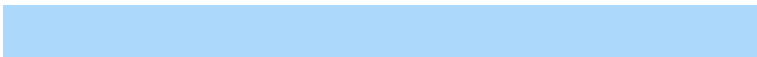
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.7998, 64.9135, 77.1908



54.9540, 64.9135, 91.2945



58.9688, 64.9135, 100.4853

Triad

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



54.9540, 64.9135, 91.2945



71.3777, 64.9135, 78.9158



59.5175, 64.9135, 47.1102

Complementary

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



54.9540, 64.9135, 91.2945



56.4575, 50.6051, 37.8040

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.



64.5108, 64.9135, 47.4411



54.9540, 64.9135, 91.2945



71.5443, 64.9135, 64.5456

Square

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



54.9540, 64.9135, 91.2945



68.5295, 64.9135, 92.7036



68.9731, 64.9135, 53.4283



55.3370, 64.9135, 52.4534

Rectangle

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



54.9540, 64.9135, 91.2945



62.2473, 64.9135, 101.9116



68.9731, 64.9135, 53.4283



61.1526, 64.9135, 46.5855

Sweetspot

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



54.9560, 64.9161, 91.2960



83.5854, 91.2880, 107.8227



51.8127, 71.6737, 50.0343



17.6108, 19.3225, 23.0514



0.0000, 0.0000, 0.0000



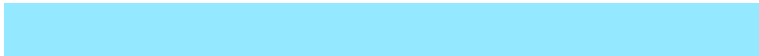
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9560, 64.9161, 91.2960



59.1161, 71.2496, 105.2445



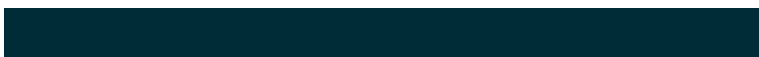
45.4607, 45.9255, 88.1309



15.9432, 17.3205, 20.2245



18.6228, 23.4699, 48.6765



1.6199, 2.0938, 4.0730

Inverse Universe

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



60.3707, 47.0155, 74.3025



66.3872, 48.2376, 82.1951



65.5103, 68.7106, 40.8216



16.3008, 15.9700, 19.1401



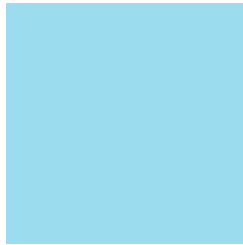
24.7256, 12.1627, 27.5351



2.0926, 1.0261, 2.4785

Previews

White Background



This preview shows how the XYZ color 54.9540, 64.9135, 91.2945 looks on a white background.

Color Contrast Check

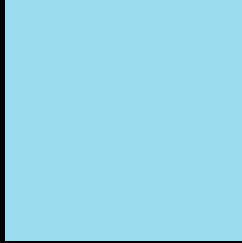
Large Text (above 18pt) WCAG AA × Fail

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 54.9540, 64.9135, 91.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

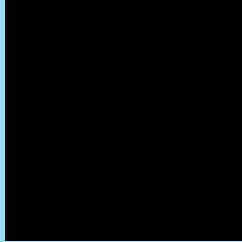
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9540, 64.9135, 91.2945

Background



This preview shows how black text looks on a background with the XYZ color 54.9540, 64.9135, 91.2945.

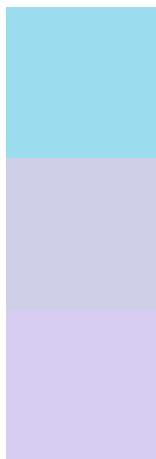


This preview shows how white text looks on a background with the XYZ color 54.9540, 64.9135,

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

54.9540, 64.9135, 91.2945

Protanopia

62.7118, 64.1467, 84.6776

Deuteranopia

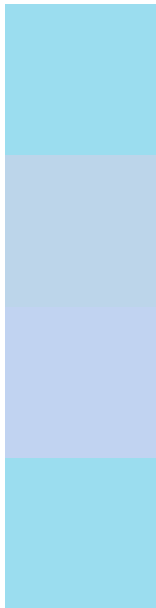
65.8827, 64.5205, 92.9857



Tritanopia

54.9540, 64.9135, 91.2945

Trichromacy



Original Color

54.9540, 64.9135, 91.2945

Protanomaly

59.3846, 64.2204, 87.1078

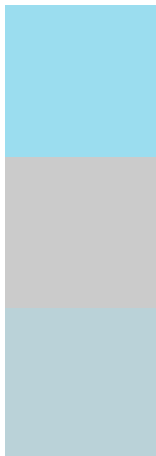
Deuteranomaly

61.1638, 64.2769, 92.4021

Tritanomaly

54.9540, 64.9135, 91.2945

Monochromacy



Original Color

54.9540, 64.9135, 91.2945

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.6910, 61.4902, 73.8993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9540, 64.9135, 91.2945 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(155, 221, 239)` looks like.

```
.text, #text, p{  
    color:rgb(155, 221, 239)  
}
```

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(155, 221, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 221, 239) }
```

Border

The CSS property to change the border of an element to XYZ 54.9540, 64.9135, 91.2945 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(155, 221, 239) }
```


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

```
.border{ border-color:rgb(155, 221, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 221, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 221, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 221, 239);  
box-shadow:4px 4px 4px 4px rgb(155, 221,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9540, 64.9135, 91.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 221, 239) }
```

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

```
.background{ background-color: rgb(155,  
221, 239) }
```

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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