

Converting Colors

XYZ(54.4285, 64.5735, 94.3893)

Have a look what the booklet for
XYZ(54.4285, 64.5735, 94.3893)
contains.

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Color

**XYZ(54.4285, 64.5735,
94.3893)**

Conversions

Conversions Part 1

Format	Color
Hex	95DDF3
RGB	149, 221, 243
RGB Percent	58%, 87%, 95%
CMY	0.4157, 0.1333, 0.0471
CMYK	0.39, 0.09, 0.00, 0.05
HSL	194°, 80%, 77%
HSV	194°, 39%, 95%
XYZ	54.4285, 64.5735, 94.3893
YIQ	201.9800, -49.9740, -8.4220

Conversions

Conversions Part 2

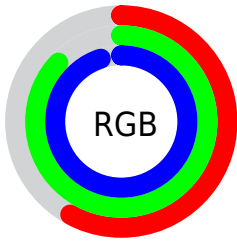
Format	Color
RYB	149, 190, 243
Decimal	9821683
CIELab	84.26, -16.96, -17.83
CIELCh	84, 24.611, 226.433
Yxy	64.5735, 0.2551, 0.3026
Android (android.graphics.Color)	4288011763 (0xFF95DDF3)
YUV	201.9800, 20.2229, -46.4635
Hunter-Lab	80.3576, -19.7228, -13.3926

Details

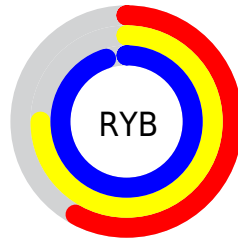
The XYZ color **54.4285, 64.5735, 94.3893** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.9510, 50.3514, 35.1526**, and the grayscale version is **56.0284, 58.9462, 64.1924**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **27.1201, 33.1874, 51.9901** is the 20% darker color. If you saturate the color by 10%, you get **48.9734, 59.5714, 93.7124**, and if you desaturate by 10%, it is **60.8633, 70.1592, 95.1294**.

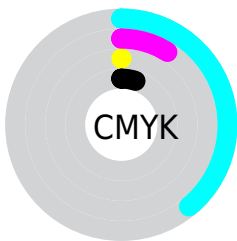
Distribution



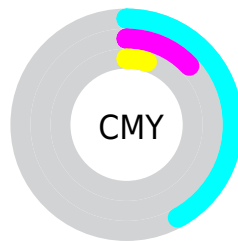
- Red (58%)
- Green (87%)
- Blue (95%)



- Red (58%)
- Yellow (75%)
- Blue (95%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4285, 64.5735, 94.3893 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 54.4285, 64.5735, 94.3893 by changing the saturation by 10% instead.

■ 54.4285, 64.5735,
94.3893

■ 54.4285, 64.5735,
94.3893

393.9137,
441.2577, 563.1424

■ 39.1764, 47.1153,
71.0327

■ 95.8563, 111.4365,
155.4089

■ 27.0783, 33.1268,
51.8869

■ 122.7627,
141.6100, 193.9091

■ 17.7689, 22.2236,
36.5333

154.2846,
176.7909, 238.2941

■ 10.8829, 14.0213,
24.5534

190.7874,
217.3634, 288.9827

■ 6.0549, 8.1355,
15.5287

232.6363,
263.7119, 346.3932

■ 2.9194, 4.1818,
9.0405

280.1967,

■ 1.1113, 1.7758,

316.2209, 410.9443

4.6704

333.8341,
375.2747, 483.0545

■ 0.0345, 0.4720,
1.9999

■ 0.0000, 0.0000,
0.5552

■ 54.4285, 64.5735,
94.3893

■ 54.4285, 64.5735,
94.3893

■ 48.9734, 59.5714,
93.7124

■ 60.8633, 70.1592,
95.1294

■ 44.4336, 55.1144,
93.0914

■ 68.3254, 76.3492,
95.9309

■ 40.7460, 51.1707,
92.5246

■ 76.8660, 83.1721,
96.7977

■ 37.8368, 47.7016,
92.0083

■ 86.5315, 90.6526,
97.7322

■ 35.6183, 44.6611,
91.5384

■ 91.4291, 95.7535,
98.4586

■ 33.9635, 41.9829,
91.1086

■ 93.1779, 99.2512,
99.0416

■ 33.7649, 41.6452,
91.0539

Harmonies

Analogous

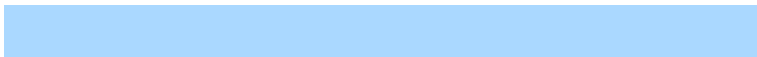
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.8574, 64.5735, 79.1512



54.4285, 64.5735, 94.3893



58.9481, 64.5735, 103.7271

Triad

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



54.4285, 64.5735, 94.3893



72.1426, 64.5735, 77.5920



58.4565, 64.5735, 45.2609

Complementary

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



54.4285, 64.5735, 94.3893



56.9510, 50.3514, 35.1526

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.



63.8679, 64.5735, 44.9718



54.4285, 64.5735, 94.3893



71.9916, 64.5735, 62.1522

Square

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



54.4285, 64.5735, 94.3893



69.2903, 64.5735, 93.1032



68.8891, 64.5735, 50.7187



54.0870, 64.5735, 51.5775

Rectangle

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



54.4285, 64.5735, 94.3893



62.5574, 64.5735, 104.5704



68.8891, 64.5735, 50.7187



60.2079, 64.5735, 44.4918

Sweetspot

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



54.4305, 64.5760, 94.3908



82.4325, 90.1671, 107.6671



51.7908, 73.4299, 49.9402



17.3734, 19.0841, 23.0179



0.0000, 0.0000, 0.0000



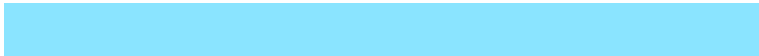
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4305, 64.5760, 94.3908



56.1012, 67.8367, 104.7447



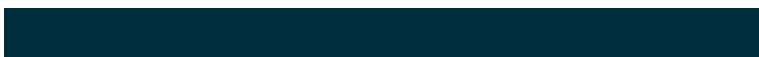
43.7226, 43.1602, 90.8215



16.6488, 18.0618, 21.1514



18.6394, 23.0726, 50.0091



1.7159, 2.1832, 4.4212

Inverse Universe

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



60.7624, 45.7717, 74.0416



64.2265, 44.9274, 78.3578



67.4424, 71.3343, 38.6497



17.0380, 16.6981, 19.9469



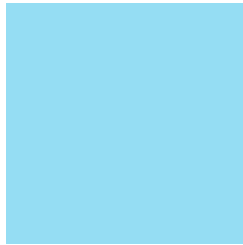
25.2128, 12.4286, 26.8928



2.2552, 1.1080, 2.5700

Previews

White Background



This preview shows how the XYZ color 54.4285, 64.5735, 94.3893 looks on a white background.

Color Contrast Check

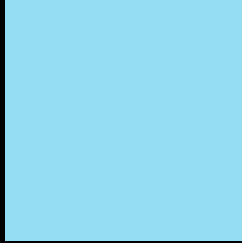
Large Text (above 18pt) WCAG AA × Fail

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 54.4285, 64.5735, 94.3893 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 54.4285, 64.5735, 94.3893

Background



This preview shows how black text looks on a background with the XYZ color 54.4285, 64.5735, 94.3893.

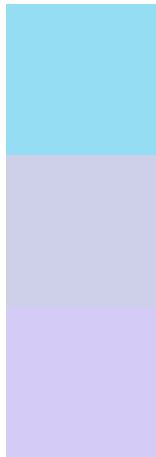


This preview shows how white text looks on a background with the XYZ color 54.4285, 64.5735,

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

54.4285, 64.5735, 94.3893

Protanopia

62.8608, 64.1741, 86.9156

Deuteranopia

65.5327, 63.8982, 96.8753



Tritanopia

53.9140, 64.7704, 91.3217

Trichromacy



Original Color

54.4285, 64.5735, 94.3893

Protanomaly

59.0879, 64.0172, 89.3631

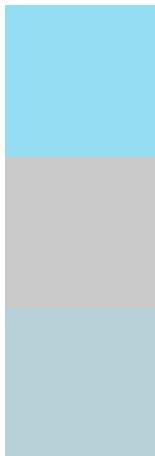
Deuteranomaly

60.6674, 63.5658, 96.2607

Tritanomaly

54.0622, 64.8297, 92.1021

Monochromacy



Original Color

54.4285, 64.5735, 94.3893

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.8533, 60.6780, 74.4666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4285, 64.5735, 94.3893 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(149, 221, 243)` looks like.

```
.text, #text, p{  
    color:rgb(149, 221, 243)  
}
```

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(149, 221, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 221, 243) }
```

Border

The CSS property to change the border of an element to XYZ 54.4285, 64.5735, 94.3893 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(149, 221, 243) }
```


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

```
.border{ border-color:rgb(149, 221, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 221, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 221, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 221, 243);  
box-shadow:4px 4px 4px 4px rgb(149, 221,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4285, 64.5735, 94.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 221, 243) }
```

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

```
.background{ background-color: rgb(149,  
221, 243) }
```

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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