

Converting Colors

XYZ(54.5600, 64.9789, 99.8595)

Have a look what the booklet for
XYZ(54.5600, 64.9789, 99.8595)
contains.

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Color

**XYZ(54.5319, 64.8955,
100.0944)**

Conversions

Conversions Part 1

Format	Color
Hex	8EDEF8
RGB	142, 222, 250
RGB Percent	56%, 87%, 98%
CMY	0.4431, 0.1294, 0.0196
CMYK	0.43, 0.11, 0.00, 0.02
HSL	196°, 92%, 77%
HSV	196°, 43%, 98%
XYZ	54.5319, 64.8955, 100.0944
YIQ	201.2720, -56.6680, -8.2520

Conversions

Conversions Part 2

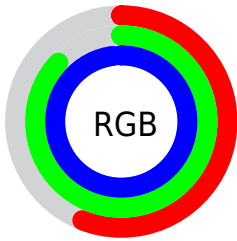
Format	Color
R_{YB}	142, 188, 250
Decimal	9363194
CIE _{Lab}	84.43, -17.42, -21.31
CIE _{LCh}	84, 27.524, 230.745
Yxy	64.8955, 0.2484, 0.2956
Android (android.graphics.Color)	4287553274 (0xFF8EDEF8)
YUV	201.2720, 24.0229, -51.9815
Hunter-Lab	80.5577, -20.1442, -17.2784

Details

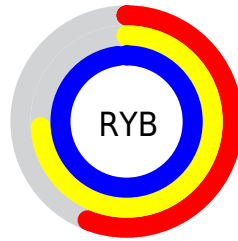
The XYZ color **54.5319, 64.8955, 100.0944** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **58.6828, 51.0276, 32.3493**, and the grayscale version is **55.5686, 58.4625, 63.6656**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **27.1005, 33.3725, 55.4653** is the 20% darker color. If you saturate the color by 10%, you get **49.0260, 59.5520, 99.3543**, and if you desaturate by 10%, it is **61.0699, 70.8722, 100.9046**.

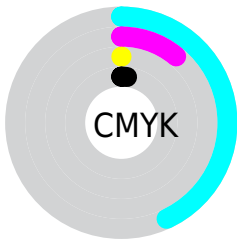
Distribution



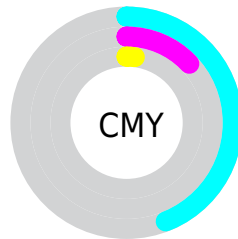
- Red (56%)
- Green (87%)
- Blue (98%)



- Red (56%)
- Yellow (74%)
- Blue (98%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5319, 64.8955, 100.0944 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 54.5319, 64.8955, 100.0944 by changing the saturation by 10% instead.

■ 54.5319, 64.8955,
100.0944

■ 54.5319, 64.8955,
100.0944

394.3004,
442.4163, 581.7446

■ 39.2594, 47.3763,
75.7621

■ 96.0071, 111.8996,
163.3399

■ 27.1432, 33.3333,
55.7319

■ 122.9405,
142.1534, 203.0902

■ 17.8180, 22.3819,
39.5855

154.4917,
177.4207, 248.8168

■ 10.9183, 14.1378,
26.9042

191.0259,
218.0862, 300.9383

■ 6.0788, 8.2165,
17.2695

232.9085,
264.5341, 359.8733

■ 2.9342, 4.2338,
10.2628

280.5049,

■ 1.1190, 1.8052,

317.1488, 426.0404

5.4657

334.1804,
376.3148, 499.8579

0.0410, 0.4904,
2.4595

0.0000, 0.0000,
0.8186

54.5319, 64.8955,
100.0944

54.5319, 64.8955,
100.0944

49.0260, 59.5520,
99.3543

61.0699, 70.8722,
100.9046

44.4803, 54.7991,
98.6765

68.6936, 77.5066,
101.7833

40.8228, 50.6002,
98.0588

77.4601, 84.8304,
102.7349

37.9684, 46.9102,
97.4970

87.4206, 92.8711,
103.7620

■ 35.8133, 43.6745,
96.9861

■ 94.0674, 99.3060,
104.6537

■ 34.6443, 41.6797,
96.6627

■ 94.2555, 99.6822,
104.7164

Harmonies

Analogous

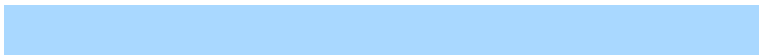
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.3199, 64.8955, 83.2796



54.5319, 64.8955, 100.0944



59.8082, 64.8955, 109.4067

Triad

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



54.5319, 64.8955, 100.0944



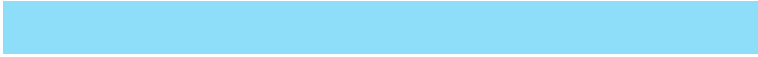
74.0373, 64.8955, 76.2193



57.6071, 64.8955, 43.6016

Complementary

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



54.5319, 64.8955, 100.0944



58.6828, 51.0276, 32.3493

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.



63.5929, 64.8955, 42.3484



54.5319, 64.8955, 100.0944



73.3509, 64.8955, 59.3847

Square

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



54.5319, 64.8955, 100.0944



71.2474, 64.8955, 94.1981



69.4296, 64.8955, 47.6487



53.0121, 64.8955, 51.4114

Rectangle

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



54.5319, 64.8955, 100.0944



63.9007, 64.8955, 109.2033



69.4296, 64.8955, 47.6487



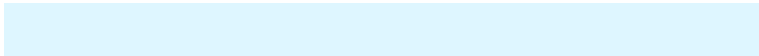
59.5137, 64.8955, 42.4566

Sweetspot

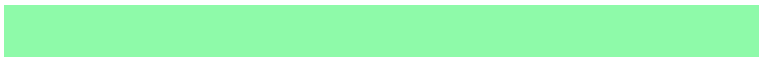
The Sweet Spot groups the original color and five complimentary colors.



54.5339, 64.8980, 100.0959



81.2077, 88.8848, 107.4841



52.5039, 76.9880, 49.6309



16.9244, 18.6484, 22.9574



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.



54.5339, 64.8980, 100.0959



51.8902, 62.9016, 104.0141



42.6003, 41.0307, 96.1180



17.3627, 18.8022, 22.0994



18.4988, 22.3532, 51.3132



1.7989, 2.2415, 4.7810

Inverse Universe

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



62.2838, 44.9457, 74.5026



61.2499, 40.4780, 72.7293



70.6959, 75.0539, 36.3537



17.7896, 17.4432, 20.7478



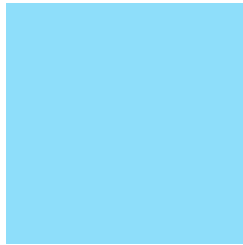
25.6294, 12.6675, 25.8205



2.4169, 1.1905, 2.6189

Previews

White Background



This preview shows how the XYZ color 54.5319, 64.8955, 100.0944 looks on a white background.

Color Contrast Check

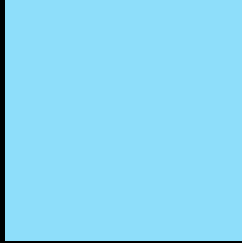
Large Text (above 18pt) WCAG AA × Fail

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 54.5319, 64.8955, 100.0944 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 54.5319, 64.8955, 100.0944

Background



This preview shows how black text looks on a background with the XYZ color 54.5319, 64.8955, 100.0944.



This preview shows how white text looks on a background with the XYZ color 54.5319, 64.8955,

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

54.5319, 64.8955, 100.0944

Protanopia

63.3349, 64.3000, 92.2921

Deuteranopia

65.7331, 64.2283, 102.6987



Tritanopia

53.0801, 64.7017, 92.9101

Trichromacy



Original Color

54.5319, 64.8955, 100.0944

Protanomaly

59.1794, 63.9439, 94.8113

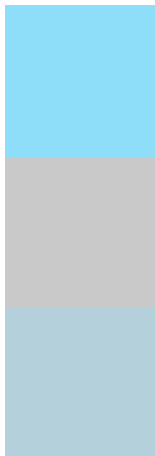
Deuteranomaly

60.7911, 63.8707, 102.0528

Tritanomaly

53.7013, 64.9697, 95.2980

Monochromacy



Original Color

54.5319, 64.8955, 100.0944

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.4090, 60.4187, 75.8121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5319, 64.8955, 100.0944 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(142, 222, 250)` looks like.

```
.text, #text, p{  
    color:rgb(142, 222, 250)  
}
```

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(142, 222, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 222, 250) }
```

Border

The CSS property to change the border of an element to XYZ 54.5319, 64.8955, 100.0944 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(142, 222, 250) }
```


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

```
.border{ border-color:rgb(142, 222, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 222, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 222, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 222, 250); box-shadow:4px 4px 4px 4px rgb(142, 222, 250) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5319, 64.8955, 100.0944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 222, 250) }
```

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

```
.background{ background-color: rgb(142,  
222, 250) }
```

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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