

Converting Colors

XYZ(54.9603, 61.3462, 98.7342)

Have a look what the booklet for
XYZ(54.9603, 61.3462, 98.7342)
contains.

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Color

**XYZ(54.9404, 61.2974,
98.5585)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD4F9
RGB	159, 212, 249
RGB Percent	62%, 83%, 98%
CMY	0.3765, 0.1686, 0.0235
CMYK	0.36, 0.15, 0.00, 0.02
HSL	205°, 88%, 80%
HSV	205°, 36%, 98%
XYZ	54.9404, 61.2974, 98.5585
YIQ	200.3710, -43.4650, 0.2710

Conversions

Conversions Part 2

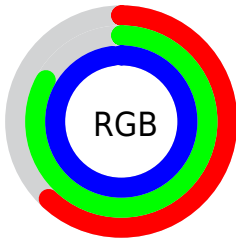
Format	Color
R _Y B	159, 192, 249
Decimal	10474745
CIE Lab	82.54, -8.23, -23.57
CIE LCh	83, 24.969, 250.758
Yxy	61.2974, 0.2558, 0.2854
Android (android.graphics.Color)	4288664825 (0xFF9FD4F9)
YUV	200.3710, 23.9741, -36.2824
Hunter-Lab	78.2927, -11.7531, -19.8322

Details

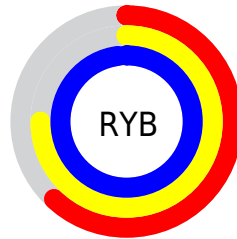
The XYZ color **54.9404, 61.2974, 98.5585** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.0660, 62.1238, 41.3644**, and the grayscale version is **55.0059, 57.8705, 63.0209**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **27.2803, 30.8628, 54.3885** is the 20% darker color. If you saturate the color by 10%, you get **48.0131, 54.0485, 97.5255**, and if you desaturate by 10%, it is **63.0283, 69.3883, 99.6950**.

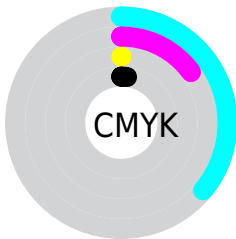
Distribution



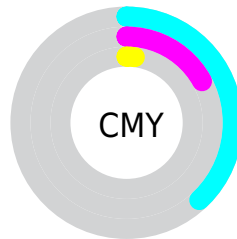
- Red (62%)
- Green (83%)
- Blue (98%)



- Red (62%)
- Yellow (75%)
- Blue (98%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9404, 61.2974, 98.5585 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 54.9404, 61.2974, 98.5585 by changing the saturation by 10% instead.

■ 54.9404, 61.2974,
98.5585

■ 54.9404, 61.2974,
98.5585

395.8261,
429.3636, 576.7683

■ 39.5877, 44.4652,
74.4871

■ 96.6025, 106.7094,
161.2094

■ 27.4000, 31.0364,
54.6936

■ 123.6425,
136.0581, 200.6259

■ 18.0120, 20.6266,
38.7595

155.3090,
170.3477, 245.9945

■ 11.0583, 12.8513,
26.2663

191.9673,
209.9626, 297.7338

■ 6.1737, 7.3262,
16.7954

233.9828,
255.2873, 356.2623

■ 2.9926, 3.6670,
9.9283

281.7209,

■ 1.1499, 1.4891,

306.7060, 421.9985

5.2465

335.5468,
364.6034, 495.3610

■ 0.0662, 0.2810,
2.3313

■ 0.0000, 0.0000,
0.7487

■ 54.9404, 61.2974,
98.5585

■ 54.9404, 61.2974,
98.5585

■ 48.0131, 54.0485,
97.5255

■ 63.0283, 69.3883,
99.6950

■ 42.1777, 47.5974,
96.5879

■ 72.3291, 78.3482,
100.9342

■ 37.3663, 41.9062,
95.7430

■ 82.8984, 88.2114,
102.2810

■ 33.5007, 36.9297,
94.9861

■ 93.4483, 98.3181,
103.6757

■ 30.4893, 32.6159,
94.3122

■ 94.0991, 99.6196,
103.8926

■ 28.2193, 28.9017,
93.7149

■ 27.4766, 27.5946,
93.5018

Harmonies

Analogous

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



50.8198, 61.2974, 87.8565



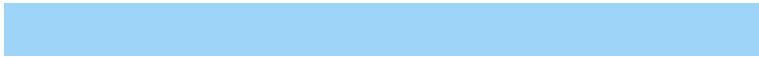
54.9404, 61.2974, 98.5585



60.2005, 61.2974, 100.0267

Triad

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



54.9404, 61.2974, 98.5585



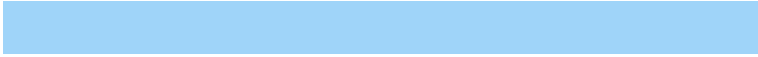
68.9498, 61.2974, 61.3988



51.8073, 61.2974, 46.8420

Complementary

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



54.9404, 61.2974, 98.5585



65.0660, 62.1238, 41.3644

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.



56.3643, 61.2974, 41.8062



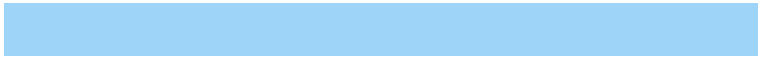
54.9404, 61.2974, 98.5585



66.3960, 61.2974, 49.3151

Square

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



54.9404, 61.2974, 98.5585



68.5107, 61.2974, 76.9173



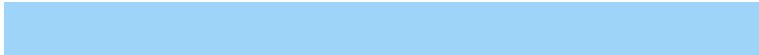
61.7135, 61.2974, 42.6364



49.0889, 61.2974, 57.5070

Rectangle

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



54.9404, 61.2974, 98.5585



63.6757, 61.2974, 95.3576



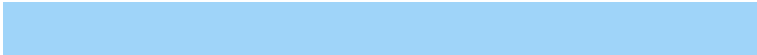
61.7135, 61.2974, 42.6364



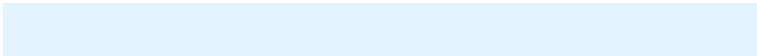
53.1630, 61.2974, 44.5144

Sweetspot

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



54.9423, 61.2998, 98.5599



81.9038, 87.9249, 107.2621



58.0256, 79.0638, 63.8340



17.2088, 18.5186, 22.9174



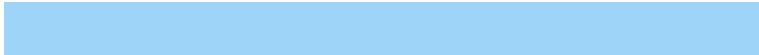
0.0000, 0.0000, 0.0000



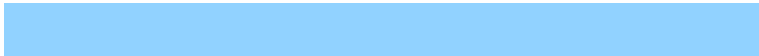
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9423, 61.2998, 98.5599



52.8165, 59.3269, 103.2753



45.4012, 42.2175, 95.3796



17.1327, 18.3421, 22.0227



14.8510, 15.0575, 50.0972



1.4798, 1.6033, 4.6747

Inverse Universe

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



63.3503, 49.6912, 68.5423



63.0423, 46.2673, 66.5305



76.4863, 84.9645, 45.1711



17.6735, 17.3968, 20.1364



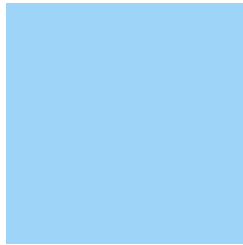
23.7881, 11.9310, 16.1245



2.2559, 1.1261, 1.7708

Previews

White Background



This preview shows how the XYZ color 54.9404, 61.2974, 98.5585 looks on a white background.

Color Contrast Check

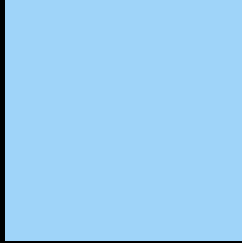
Large Text (above 18pt) WCAG AA × Fail

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 54.9404, 61.2974, 98.5585 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 54.9404, 61.2974, 98.5585

Background



This preview shows how black text looks on a background with the XYZ color 54.9404, 61.2974, 98.5585.



This preview shows how white text looks on a background with the XYZ color 54.9404, 61.2974,

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

54.9404, 61.2974, 98.5585

Protanopia

60.5596, 61.0533, 93.3866

Deuteranopia

62.1543, 60.6911, 99.7055



Tritanopia

52.3835, 61.3956, 85.4336

Trichromacy



Original Color

54.9404, 61.2974, 98.5585

Protanomaly

58.0812, 60.8025, 95.0610

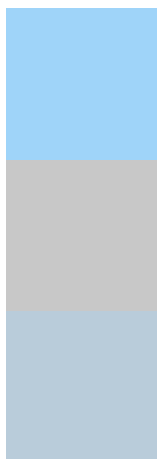
Deuteranomaly

59.0979, 60.5270, 99.0106

Tritanomaly

53.1895, 61.3341, 89.9242

Monochromacy



Original Color

54.9404, 61.2974, 98.5585

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.2553, 58.5620, 74.7737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9404, 61.2974, 98.5585 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(159, 212, 249)` looks like.

```
.text, #text, p{  
    color:rgb(159, 212, 249)  
}
```

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(159, 212, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 212, 249) }
```

Border

The CSS property to change the border of an element to XYZ 54.9404, 61.2974, 98.5585 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(159, 212, 249) }
```


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

```
.border{ border-color:rgb(159, 212, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 212, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 212, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 212, 249);  
box-shadow:4px 4px 4px 4px rgb(159, 212,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9404, 61.2974, 98.5585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 212, 249) }
```

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

```
.background{ background-color: rgb(159,  
212, 249) }
```

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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