

Converting Colors

XYZ(54.1485, 59.8640, 93.7108)

Have a look what the booklet for
XYZ(54.1485, 59.8640, 93.7108)
contains.

XYZ(54.0824, 59.8585, 93.4974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.0824, 59.8585,
93.4974)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D1F3
RGB	163, 209, 243
RGB Percent	64%, 82%, 95%
CMY	0.3608, 0.1804, 0.0471
CMYK	0.33, 0.14, 0.00, 0.05
HSL	205°, 77%, 80%
HSV	205°, 33%, 95%
XYZ	54.0824, 59.8585, 93.4974
YIQ	199.1220, -38.3300, 0.8220

Conversions

Conversions Part 2

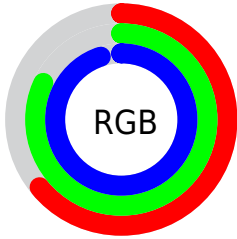
Format	Color
R _Y B	163, 192, 243
Decimal	10736115
CIE Lab	81.76, -7.06, -21.54
CIE LCh	82, 22.670, 251.860
Yxy	59.8585, 0.2607, 0.2886
Android (android.graphics.Color)	4288926195 (0xFFA3D1F3)
YUV	199.1220, 21.6319, -31.6790
Hunter-Lab	77.3683, -10.6184, -17.4925

Details

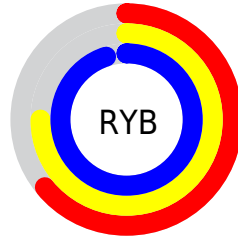
The XYZ color **54.0824, 59.8585, 93.4974** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.5403, 61.6325, 43.1994**, and the grayscale version is **54.2509, 57.0761, 62.1559**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **26.9977, 30.2818, 51.4357** is the 20% darker color. If you saturate the color by 10%, you get **47.1250, 52.6328, 92.4704**, and if you desaturate by 10%, it is **62.1637, 67.9102, 94.6266**.

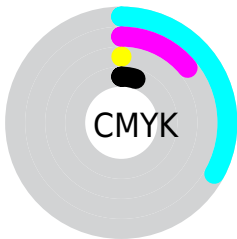
Distribution



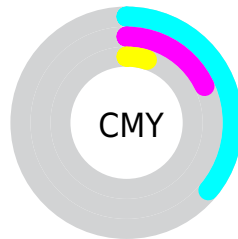
- Red (64%)
- Green (82%)
- Blue (95%)



- Red (64%)
- Yellow (75%)
- Blue (95%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (36%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0824, 59.8585, 93.4974 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 54.0824, 59.8585, 93.4974 by changing the saturation by 10% instead.

■ 54.0824, 59.8585,
93.4974

■ 54.0824, 59.8585,
93.4974

392.6174,
424.0760, 560.2043

■ 38.8985, 43.3046,
70.2950

■ 95.3514, 104.6244,
154.1647

■ 26.8611, 30.1242,
51.2888

■ 122.1672,
133.6051, 192.4668

■ 17.6050, 19.9329,
36.0602

153.5910,
167.4970, 236.6391

■ 10.7647, 12.3462,
24.1906

189.9881,
206.6843, 287.1003

■ 5.9750, 6.9799,
15.2616

231.7240,
251.5514, 344.2689

■ 2.8704, 3.4496,
8.8545

279.1639,

■ 1.0856, 1.3707,

302.4828, 408.5634

4.5509

332.6733,
359.8629, 480.4023

■ 0.0130, 0.1950,
1.9322

■ 0.0000, 0.0000,
0.5131

■ 54.0824, 59.8585,
93.4974

■ 54.0824, 59.8585,
93.4974

■ 47.1250, 52.6328,
92.4704

■ 62.1637, 67.9102,
94.6266

■ 41.2279, 46.1916,
91.5380

■ 71.4169, 76.8129,
95.8573

■ 36.3292, 40.4997,
90.6975

■ 81.8938, 86.5990,
97.1941

■ 32.3578, 35.5155,
89.9448

■ 91.7006, 96.2966,
98.5490

■ 29.2319, 31.1917,
89.2749

■ 93.1779, 99.2511,
99.0414

■ 26.8528, 27.4724,
88.6824

■ 25.5165, 25.1485,
88.3043

Harmonies

Analogous

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



50.3251, 59.8585, 84.3472



54.0824, 59.8585, 93.4974



58.8019, 59.8585, 94.4491

Triad

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



54.0824, 59.8585, 93.4974



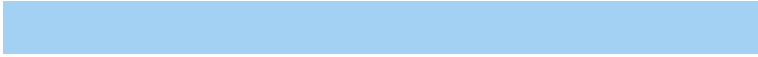
66.3618, 59.8585, 59.9189



50.9834, 59.8585, 47.4858

Complementary

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



54.0824, 59.8585, 93.4974



63.5403, 61.6325, 43.1994

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.



55.0273, 59.8585, 42.6778



54.0824, 59.8585, 93.4974



64.0104, 59.8585, 49.1545

Square

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



54.0824, 59.8585, 93.4974



66.0737, 59.8585, 73.7111



59.8008, 59.8585, 43.2426



48.6060, 59.8585, 57.3261

Rectangle

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



54.0824, 59.8585, 93.4974



61.8797, 59.8585, 90.1608



59.8008, 59.8585, 43.2426



52.1830, 59.8585, 45.2939

Sweetspot

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



54.0843, 59.8609, 93.4988



82.9226, 88.7599, 107.3696



57.1581, 75.8897, 64.0610



17.4081, 18.6775, 22.9376



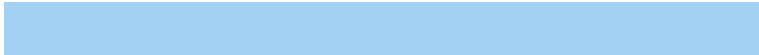
0.0000, 0.0000, 0.0000



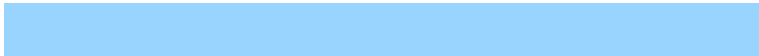
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0843, 59.8609, 93.4988



54.6434, 60.9054, 103.4836



45.5959, 42.8840, 90.6693



16.3724, 17.5092, 21.0593



14.1407, 14.0752, 48.5095



1.3446, 1.4405, 4.2974

Inverse Universe

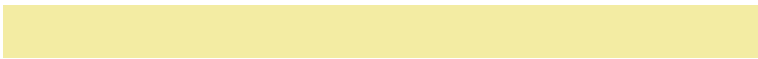
The Inverse Universe completely reimagines the original color for something new.



61.5695, 49.8543, 66.7018



64.4710, 48.7784, 68.0745



73.6657, 81.8833, 46.5746



16.8986, 16.6423, 19.2124



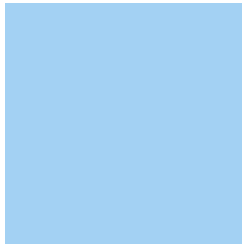
22.9421, 11.5203, 14.9353



2.0677, 1.0331, 1.5831

Previews

White Background



This preview shows how the XYZ color 54.0824, 59.8585, 93.4974 looks on a white background.

Color Contrast Check

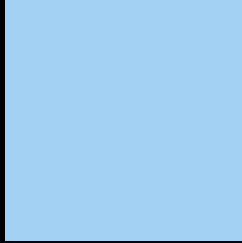
Large Text (above 18pt) WCAG AA × Fail

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 54.0824, 59.8585, 93.4974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

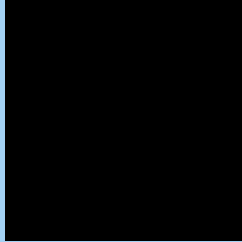
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0824, 59.8585, 93.4974

Background



This preview shows how black text looks on a background with the XYZ color 54.0824, 59.8585, 93.4974.

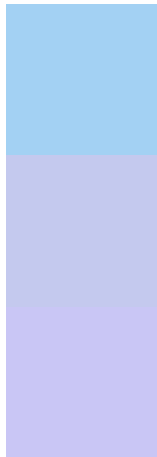


This preview shows how white text looks on a background with the XYZ color 54.0824, 59.8585,

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

54.0824, 59.8585, 93.4974

Protanopia

59.0842, 59.6821, 89.2946

Deuteranopia

60.7629, 59.3982, 94.6487



Tritanopia

51.7951, 59.6636, 82.1851

Trichromacy



Original Color

54.0824, 59.8585, 93.4974

Protanomaly

57.0882, 59.6673, 90.9462

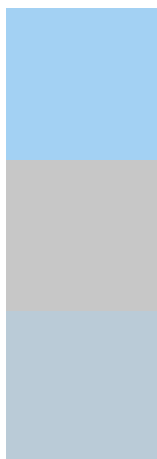
Deuteranomaly

57.9432, 59.3375, 93.9873

Tritanomaly

52.4525, 59.5534, 85.8212

Monochromacy



Original Color

54.0824, 59.8585, 93.4974

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8714, 58.0573, 72.6568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0824, 59.8585, 93.4974 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(163, 209, 243)` looks like.

```
.text, #text, p{  
    color:rgb(163, 209, 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(163, 209, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 209, 243) }
```

Border

The CSS property to change the border of an element to XYZ 54.0824, 59.8585, 93.4974 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(163, 209, 243) }
```


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

```
.border{ border-color:rgb(163, 209, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 209, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 209, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 209, 243);  
box-shadow:4px 4px 4px 4px rgb(163, 209,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0824, 59.8585, 93.4974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 209, 243) }
```

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

```
.background{ background-color: rgb(163,  
209, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor