

Converting Colors

XYZ(58.0580, 74.6974, 94.4996)

Have a look what the booklet for
XYZ(58.0580, 74.6974, 94.4996)
contains.

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Color

**XYZ(58.1477, 74.8369,
94.5994)**

Conversions

Conversions Part 1

Format	Color
Hex	8CF1F1
RGB	140, 241, 241
RGB Percent	55%, 95%, 95%
CMY	0.4510, 0.0549, 0.0549
CMYK	0.42, 0.00, 0.00, 0.05
HSL	180°, 78%, 75%
HSV	180°, 42%, 95%
XYZ	58.1477, 74.8369, 94.5994
YIQ	210.8010, -60.1960, -21.4120

Conversions

Conversions Part 2

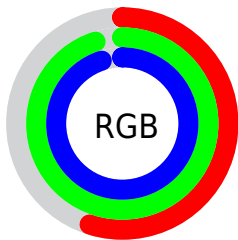
Format	Color
R_{YB}	140, 191, 241
Decimal	9236977
CIE Lab	89.32, -29.49, -9.26
CIE LCh	89, 30.913, 197.433
Yxy	74.8369, 0.2555, 0.3288
Android (android.graphics.Color)	4287427057 (0xFF8CF1F1)
YUV	210.8010, 14.8881, -62.0925
Hunter-Lab	86.5083, -31.4085, -4.2795

Details

The XYZ color **58.1477, 74.8369, 94.5994** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.3899, 39.3526, 29.7536**, and the grayscale version is **61.7208, 64.9351, 70.7143**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **29.4993, 39.9500, 52.0553** is the 20% darker color. If you saturate the color by 10%, you get **54.5236, 72.9704, 94.4310**, and if you desaturate by 10%, it is **62.6655, 77.1677, 94.8129**.

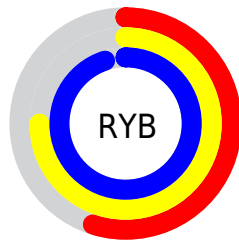
Distribution



Red (55%)

Green (95%)

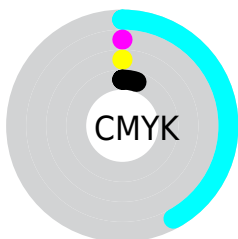
Blue (95%)



Red (55%)

Yellow (75%)

Blue (95%)

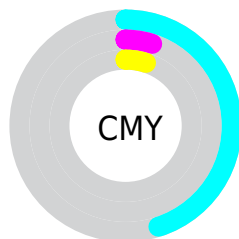


Cyan (42%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (45%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1477, 74.8369, 94.5994 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 58.1477, 74.8369, 94.5994 by changing the saturation by 10% instead.

58.1477, 74.8369,
94.5994

58.1477, 74.8369,
94.5994

407.6811,
477.3568, 563.8333

42.1711, 55.4793,
71.2066

101.2596,
126.0815, 155.7019

29.4270, 39.7856,
52.0279

129.1257,
158.7372, 194.2486

19.5500, 27.3714,
36.6449

161.6857,
196.5944, 238.6836

12.1747, 17.8524,
24.6391

199.3049,
240.0375, 289.4256

6.9358, 10.8440,
15.5918

242.3486,
289.4509, 346.8930

3.4680, 5.9621,
9.0845

291.1824,

1.4058, 2.8220,

345.2190, 411.5044

4.6988

346.1714,
407.7262, 483.6783

■ 0.2603, 1.0395,
2.0160

■ 0.0000, 0.0000,
0.5651

■ 58.1477, 74.8369,
94.5994

■ 58.1477, 74.8369,
94.5994

■ 54.5236, 72.9704,
94.4310

■ 62.6655, 77.1677,
94.8129

■ 51.7278, 71.5291,
94.2997

■ 68.1238, 79.9815,
95.0688

■ 49.6969, 70.4822,
94.2042

■ 74.5738, 83.3066,
95.3711

■ 48.3553, 69.7906,
94.1410

■ 82.0614, 87.1666,
95.7219

■ 47.6120, 69.4074,
94.1058

■ 88.5744, 90.5242,
96.0272

■ 47.3335, 69.2638,
94.0924

■ 88.5745, 90.5242,
96.0276

■ 88.5745, 90.5242,
96.0281

■ 88.5746, 90.5243,
96.0285

■ 88.5747, 90.5243,
96.0290

Harmonies

Analogous

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



57.8689, 74.8369, 72.7612



58.1477, 74.8369, 94.5994



61.7465, 74.8369, 116.1382

Triad

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



58.1477, 74.8369, 94.5994



82.3780, 74.8369, 113.0023



74.3390, 74.8369, 47.2410

Complementary

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



58.1477, 74.8369, 94.5994



50.3899, 39.3526, 29.7536

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.



81.4196, 74.8369, 54.5170



58.1477, 74.8369, 94.5994



86.2769, 74.8369, 90.8789

Square

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



58.1477, 74.8369, 94.5994



75.5731, 74.8369, 127.9874



85.9142, 74.8369, 69.6417



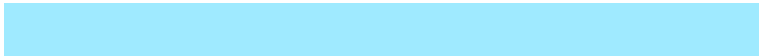
66.8650, 74.8369, 47.8797

Rectangle

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



58.1477, 74.8369, 94.5994



65.6982, 74.8369, 126.2725



85.9142, 74.8369, 69.6417



76.8537, 74.8369, 48.7797

Sweetspot

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



58.1499, 74.8398, 94.6011



83.8881, 94.2459, 108.3770



47.2923, 70.5298, 35.9337



17.5930, 19.9856, 23.1801



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.



58.1499, 74.8398, 94.6011



62.6366, 83.2903, 107.3806



45.5846, 49.7087, 90.4145



16.2474, 17.9290, 20.3258



25.6669, 37.5588, 51.0223



2.1353, 3.1245, 4.2446

Inverse Universe

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



50.3899, 39.3526, 29.7536



52.7577, 38.1137, 24.8270



59.1701, 56.9133, 32.6794



15.7729, 15.7589, 16.3602



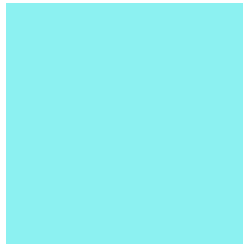
19.6715, 10.1410, 0.9207



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 58.1477, 74.8369, 94.5994 looks on a white background.

Color Contrast Check

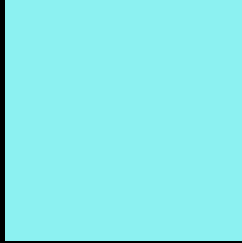
Large Text (above 18pt) WCAG AA × Fail

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 58.1477, 74.8369, 94.5994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

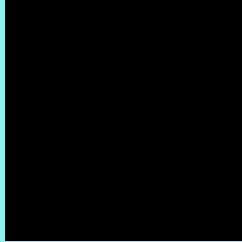
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1477, 74.8369, 94.5994

Background



This preview shows how black text looks on a background with the XYZ color 58.1477, 74.8369, 94.5994.

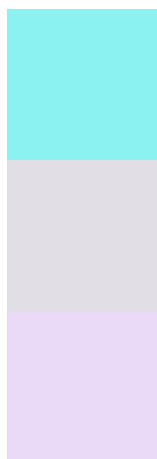


This preview shows how white text looks on a background with the XYZ color 58.1477, 74.8369,

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

58.1477, 74.8369, 94.5994

Protanopia

71.4555, 73.9633, 85.3731

Deuteranopia

75.3791, 73.7720, 97.4553



Tritanopia

61.4711, 74.5607, 105.7595

Trichromacy



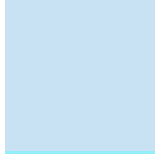
Original Color

58.1477, 74.8369, 94.5994



Protanomaly

65.1187, 73.4485, 88.5868



Deuteranomaly

67.3449, 73.2037, 96.1682



Tritanomaly

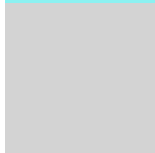
60.0426, 74.3471, 101.6283

Monochromacy



Original Color

58.1477, 74.8369, 94.5994



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.3137, 67.8308, 79.0737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1477, 74.8369, 94.5994 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(140, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(140, 241, 241)  
}
```

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(140, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 241, 241) }
```

Border

The CSS property to change the border of an element to XYZ 58.1477, 74.8369, 94.5994 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(140, 241, 241) }
```


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

```
.border{ border-color:rgb(140, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(140, 241,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1477, 74.8369, 94.5994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 241, 241) }
```

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

```
.background{ background-color: rgb(140,  
241, 241) }
```

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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