

Converting Colors

XYZ(60.1437, 75.0247, 99.3083)

Have a look what the booklet for
XYZ(60.1437, 75.0247, 99.3083)
contains.

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Color

**XYZ(60.0494, 74.8380,
99.2759)**

Conversions

Conversions Part 1

Format	Color
Hex	95EFF7
RGB	149, 239, 247
RGB Percent	58%, 94%, 97%
CMY	0.4157, 0.0627, 0.0314
CMYK	0.40, 0.03, 0.00, 0.03
HSL	185°, 86%, 78%
HSV	185°, 40%, 97%
XYZ	60.0494, 74.8380, 99.2759
YIQ	213.0020, -56.2080, -16.5920

Conversions

Conversions Part 2

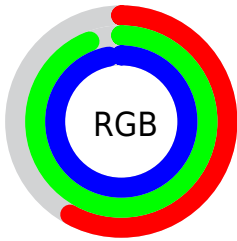
Format	Color
R_{YB}	149, 196, 247
Decimal	9826295
CIE _{Lab}	89.32, -24.92, -12.35
CIE _{LCh}	89, 27.812, 206.374
Yxy	74.8380, 0.2564, 0.3196
Android (android.graphics.Color)	4288016375 (0xFF95EFF7)
YUV	213.0020, 16.7610, -56.1298
Hunter-Lab	86.5090, -27.4865, -7.4837

Details

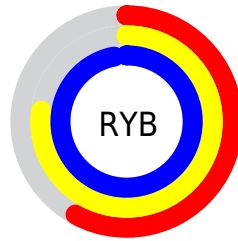
The XYZ color **60.0494, 74.8380, 99.2759** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.8407, 46.0589, 34.3826**, and the grayscale version is **63.1675, 66.4571, 72.3718**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **30.7511, 39.9039, 55.3717** is the 20% darker color. If you saturate the color by 10%, you get **55.4258, 71.5850, 98.8930**, and if you desaturate by 10%, it is **65.6397, 78.6026, 99.7092**.

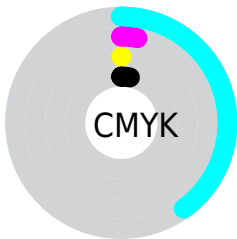
Distribution



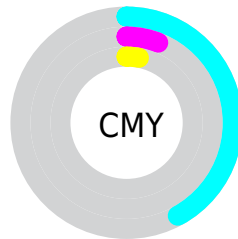
- Red (58%)
- Green (94%)
- Blue (97%)



- Red (58%)
- Yellow (77%)
- Blue (97%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (42%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0494, 74.8380, 99.2759 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 60.0494, 74.8380, 99.2759 by changing the saturation by 10% instead.

60.0494, 74.8380,
99.2759

60.0494, 74.8380,
99.2759

414.6117,
477.3606, 579.0955

43.7081, 55.4802,
75.0824

104.0073,
126.0830, 162.2049

30.6380, 39.7863,
55.1783

132.3545,
158.7390, 201.7776

20.4738, 27.3720,
39.1449

165.4344,
196.5965, 247.3137

12.8502, 17.8528,
26.5638

203.6124,
240.0399, 299.2319

7.4018, 10.8443,
17.0164

247.2537,
289.4536, 357.9506

3.7632, 5.9623,
10.0841

296.7238,

1.5690, 2.8221,

345.2221, 423.8884

5.3484

352.3880,
407.7296, 497.4638

0.3721, 1.0396,
2.3908

0.0000, 0.0000,
0.7814

60.0494, 74.8380,
99.2759

60.0494, 74.8380,
99.2759

55.4258, 71.5850,
98.8930

65.6397, 78.6026,
99.7092

51.7011, 68.8034,
98.5524

72.2454, 82.8988,
100.1903

48.8096, 66.4610,
98.2527

79.9203, 87.7560,
100.7233

46.6737, 64.5178,
97.9902

88.7122, 93.1988,
101.3105

■ 45.2009, 62.9261,
97.7606

■ 91.9300, 95.7781,
101.6387

■ 44.2433, 61.6096,
97.5569

■ 92.5567, 97.0314,
101.8476

■ 44.2153, 61.5686,
97.5505

■ 93.1901, 98.2982,
102.0588

■ 93.7887, 99.4955,
102.2583

Harmonies

Analogous

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



58.8652, 74.8380, 79.1404



60.0494, 74.8380, 99.2759



64.1342, 74.8380, 116.8080

Triad

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



60.0494, 74.8380, 99.2759



82.5822, 74.8380, 104.0290



71.9614, 74.8380, 49.5394

Complementary

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



60.0494, 74.8380, 99.2759



55.8407, 46.0589, 34.3826

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.



78.6196, 74.8380, 54.1160



60.0494, 74.8380, 99.2759



84.9929, 74.8380, 83.8772

Square

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



60.0494, 74.8380, 99.2759



77.0984, 74.8380, 119.8448



83.4990, 74.8380, 65.9592



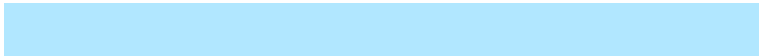
65.4802, 74.8380, 52.3332

Rectangle

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



60.0494, 74.8380, 99.2759



68.0955, 74.8380, 123.5596



83.4990, 74.8380, 65.9592



74.2560, 74.8380, 50.2452

Sweetspot

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



60.0516, 74.8409, 99.2776



83.8831, 93.0683, 108.1506



51.6180, 75.2971, 43.0606



17.7168, 19.7708, 23.1323



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.



60.0516, 74.8409, 99.2776



60.3156, 77.4857, 106.3850



47.9173, 50.5722, 95.2329



16.8743, 18.5128, 21.2265



23.4340, 32.6618, 51.6073



2.0932, 2.9378, 4.5470

Inverse Universe

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



64.6870, 47.5028, 87.4242



66.0560, 44.5190, 91.5067



65.5039, 65.3854, 37.6037



17.1519, 16.7436, 20.5462



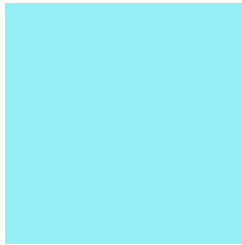
27.6329, 13.3966, 39.6369



2.4456, 1.1842, 3.5729

Previews

White Background



This preview shows how the XYZ color 60.0494, 74.8380, 99.2759 looks on a white background.

Color Contrast Check

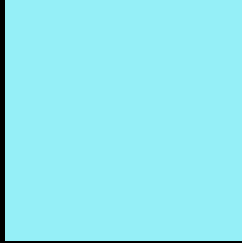
Large Text (above 18pt) WCAG AA × Fail

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 60.0494, 74.8380, 99.2759 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 60.0494, 74.8380, 99.2759

Background



This preview shows how black text looks on a background with the XYZ color 60.0494, 74.8380, 99.2759.

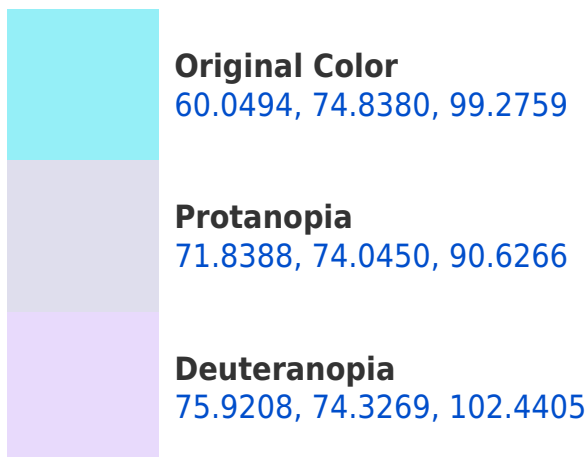


This preview shows how white text looks on a background with the XYZ color 60.0494, 74.8380,

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





Tritanopia

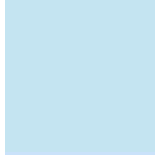
62.0445, 74.8563, 105.7864

Trichromacy



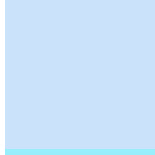
Original Color

60.0494, 74.8380, 99.2759



Protanomaly

66.3855, 73.5734, 93.9213



Deuteranomaly

68.8088, 73.8514, 101.0706



Tritanomaly

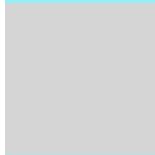
61.2821, 74.9497, 103.3323

Monochromacy



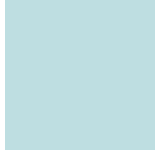
Original Color

60.0494, 74.8380, 99.2759



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.9471, 68.6259, 81.2680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0494, 74.8380, 99.2759 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, 239, 247)` looks like.

```
.text, #text, p{  
    color:rgb(149, 239, 247)  
}
```

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, 239, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 239, 247) }
```

Border

The CSS property to change the border of an element to XYZ 60.0494, 74.8380, 99.2759 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, 239, 247) }
```


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

```
.border{ border-color:rgb(149, 239, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 239, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 239, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 239, 247);  
box-shadow:4px 4px 4px 4px rgb(149, 239,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0494, 74.8380, 99.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 239, 247) }
```

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

```
.background{ background-color: rgb(149,  
239, 247) }
```

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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