

Converting Colors

XYZ(60.6726, 75.4321, 96.9541)

Have a look what the booklet for
XYZ(60.6726, 75.4321, 96.9541)
contains.

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Color

**XYZ(60.8156, 75.7219,
96.9984)**

Conversions

Conversions Part 1

Format	Color
Hex	9AF0F4
RGB	154, 240, 244
RGB Percent	60%, 94%, 96%
CMY	0.3961, 0.0588, 0.0431
CMYK	0.37, 0.02, 0.00, 0.04
HSL	183°, 80%, 78%
HSV	183°, 37%, 96%
XYZ	60.8156, 75.7219, 96.9984
YIQ	214.7420, -52.5400, -16.9880

Conversions

Conversions Part 2

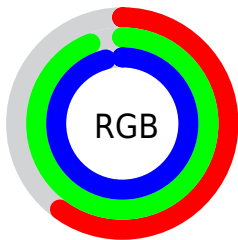
Format	Color
RYB	154, 198, 244
Decimal	10154228
CIELab	89.73, -24.88, -10.15
CIELCh	90, 26.870, 202.189
Yxy	75.7219, 0.2604, 0.3242
Android (android.graphics.Color)	4288344308 (0xFF9AF0F4)
YUV	214.7420, 14.4242, -53.2707
Hunter-Lab	87.0183, -27.5315, -5.1771

Details

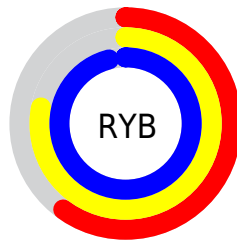
The XYZ color **60.8156, 75.7219, 96.9984** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.3688, 46.0205, 36.5380**, and the grayscale version is **64.3497, 67.7009, 73.7263**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **31.1474, 40.4532, 53.7436** is the 20% darker color. If you saturate the color by 10%, you get **56.3179, 72.9328, 96.6984**, and if you desaturate by 10%, it is **66.2636, 79.0073, 97.3467**.

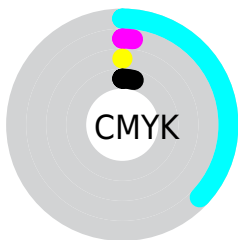
Distribution



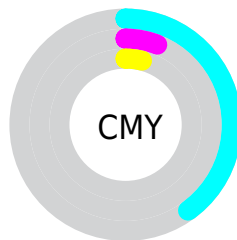
- Red (60%)
- Green (94%)
- Blue (96%)



- Red (60%)
- Yellow (78%)
- Blue (96%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8156, 75.7219, 96.9984 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 60.8156, 75.7219, 96.9984 by changing the saturation by 10% instead.

60.8156, 75.7219,
96.9984

60.8156, 75.7219,
96.9984

417.3843,
480.3952, 571.6900

44.3283, 56.2045,
73.1933

105.1115,
127.3337, 159.0418

31.1277, 40.3669,
53.6413

133.6509,
160.1969, 198.1173

20.8484, 27.8247,
37.9237

166.9383,
198.2775, 243.1199

13.1251, 18.1936,
25.6221

205.3392,
241.9599, 294.4683

7.5923, 11.0891,
16.3179

249.2189,
291.6285, 352.5810

3.8848, 6.1268,
9.5926

298.9428,

1.6372, 2.9223,

347.6676, 417.8764

5.0276

354.8761,
410.4617, 490.7733

0.4165, 1.0913,
2.2045

0.0000, 0.0000,
0.6769

60.8156, 75.7219,
96.9984

60.8156, 75.7219,
96.9984

56.3179, 72.9328,
96.6984

66.2636, 79.0073,
97.3467

52.7061, 70.6015,
96.4388

72.7079, 82.8073,
97.7405

49.9187, 68.6980,
96.2183

80.1994, 87.1501,
98.1839

47.8833, 67.1849,
96.0335

88.7839, 92.0591,
98.6790

■ 46.5150, 66.0186,
95.8805

■ 90.3499, 93.3528,
98.8462

■ 45.7058, 65.1433,
95.7542

■ 90.6795, 94.0120,
98.9560

■ 45.5149, 64.9027,
95.7178

■ 91.0110, 94.6750,
99.0665

■ 91.3444, 95.3418,
99.1777

■ 91.6798, 96.0126,
99.2895

Harmonies

Analogous

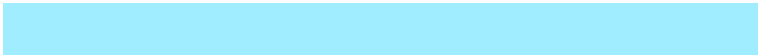
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.0815, 75.7219, 77.5921



60.8156, 75.7219, 96.9984



64.4457, 75.7219, 114.7369

Triad

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



60.8156, 75.7219, 96.9984



82.5047, 75.7219, 106.8802



73.7154, 75.7219, 51.3456

Complementary

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



60.8156, 75.7219, 96.9984



55.3688, 46.0205, 36.5380

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.



80.0613, 75.7219, 56.8683



60.8156, 75.7219, 96.9984



85.3348, 75.7219, 87.5030

Square

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



60.8156, 75.7219, 96.9984



76.8871, 75.7219, 121.0243



84.4143, 75.7219, 69.4312



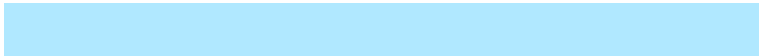
67.2698, 75.7219, 53.0874

Rectangle

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



60.8156, 75.7219, 96.9984



68.1473, 75.7219, 122.2590



84.4143, 75.7219, 69.4312



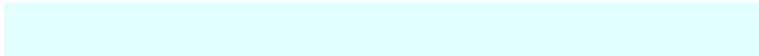
75.9359, 75.7219, 52.3801

Sweetspot

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



60.8179, 75.7249, 97.0002



85.0766, 94.2705, 108.3197



51.7644, 74.0071, 43.4564



17.9685, 20.0378, 23.1706



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.



60.8179, 75.7249, 97.0002



63.5339, 81.4234, 106.9754



49.3970, 52.8831, 93.1932



16.9299, 18.6242, 21.2451



24.7759, 35.3455, 52.0546



2.1967, 3.1449, 4.5815

Inverse Universe

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



64.5938, 48.6373, 88.4250



68.2904, 47.7481, 96.0732



64.2629, 63.8088, 39.5027



17.1800, 16.7548, 20.6943



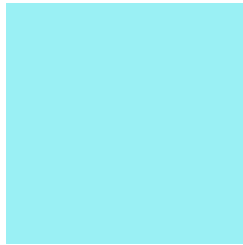
28.3102, 13.6675, 43.2035



2.4979, 1.2051, 3.8481

Previews

White Background



This preview shows how the XYZ color 60.8156, 75.7219, 96.9984 looks on a white background.

Color Contrast Check

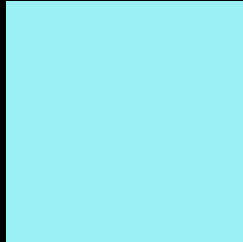
Large Text (above 18pt) WCAG AA × Fail

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 60.8156, 75.7219, 96.9984 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 60.8156, 75.7219, 96.9984

Background



This preview shows how black text looks on a background with the XYZ color 60.8156, 75.7219, 96.9984.



This preview shows how white text looks on a background with the XYZ color 60.8156, 75.7219,

96.9984.

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

60.8156, 75.7219, 96.9984

Protanopia

72.6030, 74.8846, 88.4695

Deuteranopia

76.4312, 74.6445, 100.0020



Tritanopia

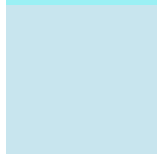
63.4384, 75.5749, 105.8516

Trichromacy



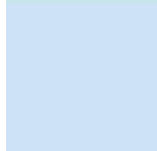
Original Color

60.8156, 75.7219, 96.9984



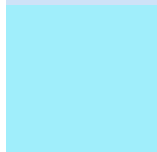
Protanomaly

67.2713, 74.4910, 91.7215



Deuteranomaly

69.4385, 74.2299, 98.6637



Tritanomaly

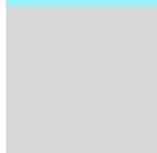
62.4843, 75.5877, 102.5634

Monochromacy



Original Color

60.8156, 75.7219, 96.9984



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.3754, 70.1398, 82.2023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8156, 75.7219, 96.9984 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(154, 240, 244)` looks like.

```
.text, #text, p{  
    color:rgb(154, 240, 244)  
}
```

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(154, 240, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 240, 244) }
```

Border

The CSS property to change the border of an element to XYZ 60.8156, 75.7219, 96.9984 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(154, 240, 244) }
```


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

```
.border{ border-color:rgb(154, 240, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 240, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 240, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 240, 244);  
box-shadow:4px 4px 4px 4px rgb(154, 240,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8156, 75.7219, 96.9984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 240, 244) }
```

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

```
.background{ background-color: rgb(154,  
240, 244) }
```

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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