

Converting Colors

XYZ(60.5020, 75.9542, 93.8058)

Have a look what the booklet for
XYZ(60.5020, 75.9542, 93.8058)
contains.

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Color

**XYZ(60.5099, 76.0719,
93.9322)**

Conversions

Conversions Part 1

Format	Color
Hex	9AF1F0
RGB	154, 241, 240
RGB Percent	60%, 95%, 94%
CMY	0.3961, 0.0549, 0.0588
CMYK	0.36, 0.00, 0.00, 0.05
HSL	179°, 76%, 77%
HSV	179°, 36%, 95%
XYZ	60.5099, 76.0719, 93.9322
YIQ	214.8730, -51.5310, -18.7550

Conversions

Conversions Part 2

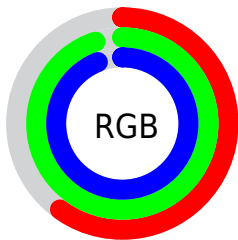
Format	Color
RYB	154, 198, 241
Decimal	10154480
CIELab	89.89, -26.30, -7.82
CIElCh	90, 27.442, 196.553
Yxy	76.0719, 0.2625, 0.3300
Android (android.graphics.Color)	4288344560 (0xFF9AF1F0)
YUV	214.8730, 12.3876, -53.3856
Hunter-Lab	87.2192, -28.7960, -2.7999

Details

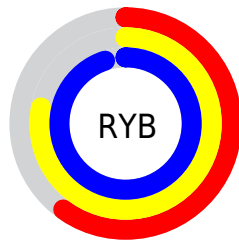
The XYZ color **60.5099, 76.0719, 93.9322** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.7503, 44.1808, 36.7080**, and the grayscale version is **64.4511, 67.8075, 73.8424**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **31.0377, 40.7553, 51.5781** is the 20% darker color. If you saturate the color by 10%, you get **56.3349, 73.9262, 93.5232**, and if you desaturate by 10%, it is **65.6103, 78.6984, 94.3881**.

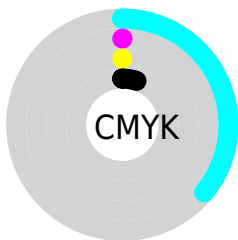
Distribution



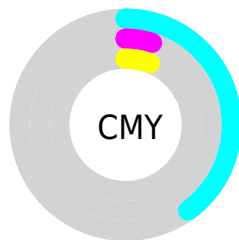
- Red (60%)
- Green (95%)
- Blue (94%)



- Red (60%)
- Yellow (78%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)





- Cyan (40%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5099, 76.0719, 93.9322 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 60.5099, 76.0719, 93.9322 by changing the saturation by 10% instead.


 60.5099, 76.0719,
93.9322


 60.5099, 76.0719,
93.9322


416.2794,
481.5938, 561.6376

 44.0808, 56.4915,
70.6546


 104.6711,
127.8285, 154.7714

 30.9322, 40.5971,
51.5803


 133.1340,
160.7735, 193.1701

 20.6988, 28.0044,
36.2907


166.3387,
198.9422, 237.4463

 13.0152, 18.3290,
24.3673

204.6508,
242.7188, 288.0184

 7.5161, 11.1864,
15.3916

248.4356,
292.4879, 345.3051

 3.8361, 6.1924,
8.9450

298.0584,

 1.6098, 2.9624,

348.6339, 409.7248

4.6090

353.8845,
411.5410, 481.6961

■ 0.3988, 1.1121,
1.9650

■ 0.0000, 0.0000,
0.5337

■ 60.5099, 76.0719,
93.9322

■ 60.5099, 76.0719,
93.9322

■ 56.3349, 73.9262,
93.5232

■ 65.6103, 78.6984,
94.3881

■ 53.0230, 72.2237,
93.1533


■ 71.6802, 81.8227,
94.8881


■ 50.5153, 70.9356,
92.8214


■ 78.7689, 85.4723,
95.4361


■ 48.7423, 70.0263,
92.5241


■ 86.9204, 89.6697,
96.0341


 47.6228, 69.4540,
92.2578


 88.6322, 90.5474,
96.3312


 47.0562, 69.1666,
92.0177

 88.6738, 90.5640,
96.5503

 46.9225, 69.0995,
91.9282

 88.7155, 90.5807,
96.7698

 88.7572, 90.5974,
96.9897

 88.7990, 90.6141,
97.2099

Harmonies

Analogous

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



60.3476, 76.0719, 74.4439



60.5099, 76.0719, 93.9322



63.7015, 76.0719, 113.0116

Triad

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



60.5099, 76.0719, 93.9322



82.1914, 76.0719, 111.2600



75.3794, 76.0719, 51.5557

Complementary

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



60.5099, 76.0719, 93.9322



53.7503, 44.1808, 36.7080

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.



81.6482, 76.0719, 58.5650



60.5099, 76.0719, 93.9322



85.7438, 76.0719, 91.8220

Square

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



60.5099, 76.0719, 93.9322



76.0835, 76.0719, 124.0364



85.5391, 76.0719, 72.6378



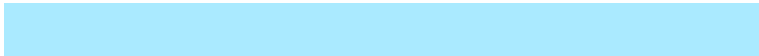
68.6519, 76.0719, 51.9386

Rectangle

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



60.5099, 76.0719, 93.9322



67.2381, 76.0719, 122.0365



85.5391, 76.0719, 72.6378



77.6183, 76.0719, 53.0721

Sweetspot

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



60.5121, 76.0749, 93.9340



85.4208, 95.0420, 108.1779



50.8945, 72.2599, 41.8386



18.0512, 20.2232, 23.1365



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.



60.5121, 76.0749, 93.9340



65.3460, 84.7105, 106.4513



49.6178, 54.0472, 91.0395



16.2391, 17.9257, 20.2819



25.4478, 37.4711, 49.8683



2.1195, 3.1183, 4.1619

Inverse Universe

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



53.7503, 44.1808, 36.7080



56.6552, 43.7124, 32.8964



61.8623, 60.5390, 38.9982



15.7802, 15.7618, 16.3989



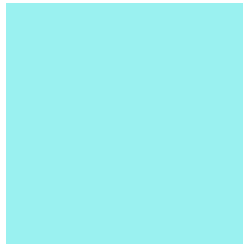
19.6831, 10.1457, 0.9817



1.6400, 0.8451, 0.0952

Previews

White Background



This preview shows how the XYZ color 60.5099, 76.0719, 93.9322 looks on a white background.

Color Contrast Check

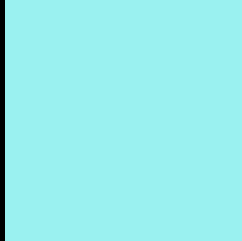
Large Text (above 18pt) WCAG AA × Fail

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 60.5099, 76.0719, 93.9322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

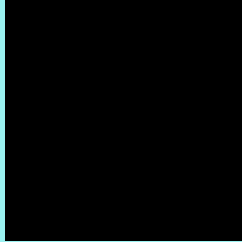
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5099, 76.0719, 93.9322

Background



This preview shows how black text looks on a background with the XYZ color 60.5099, 76.0719, 93.9322.

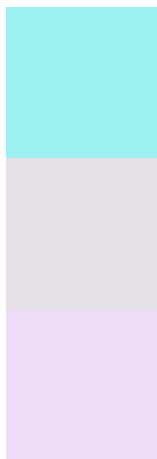


This preview shows how white text looks on a background with the XYZ color 60.5099, 76.0719,

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

60.5099, 76.0719, 93.9322

Protanopia

72.9335, 75.5185, 85.5954

Deuteranopia

77.0728, 75.4328, 96.8840



Tritanopia

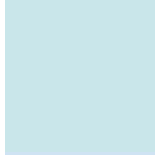
63.8512, 75.7877, 105.8709

Trichromacy



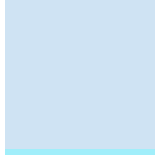
Original Color

60.5099, 76.0719, 93.9322



Protanomaly

67.2355, 74.9516, 88.7653



Deuteranomaly

69.3789, 74.6746, 95.5510



Tritanomaly

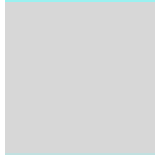
62.5278, 75.6283, 101.7446

Monochromacy



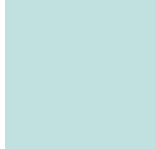
Original Color

60.5099, 76.0719, 93.9322



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.1025, 70.0306, 80.7651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5099, 76.0719, 93.9322 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, 241, 240)` looks like.

```
.text, #text, p{  
    color:rgb(154, 241, 240)  
}
```

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, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 241, 240) }
```

Border

The CSS property to change the border of an element to XYZ 60.5099, 76.0719, 93.9322 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, 241, 240) }
```


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

```
.border{ border-color:rgb(154, 241, 240) }
```

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

Here you see how a box with a 4 pixel rgb(154, 241, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(154, 241,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5099, 76.0719, 93.9322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 241, 240) }
```

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

```
.background{ background-color: rgb(154,  
241, 240) }
```

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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