

Converting Colors

XYZ(59.1713, 76.3479, 92.4819)

Have a look what the booklet for
XYZ(59.1713, 76.3479, 92.4819)
contains.

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Color

**XYZ(59.1603, 76.2940,
92.4971)**

Conversions

Conversions Part 1

Format	Color
Hex	91F3EE
RGB	145, 243, 238
RGB Percent	57%, 95%, 93%
CMY	0.4314, 0.0470, 0.0667
CMYK	0.40, 0.00, 0.02, 0.05
HSL	177°, 80%, 76%
HSV	177°, 40%, 95%
XYZ	59.1603, 76.2940, 92.4971
YIQ	213.1280, -56.8030, -22.3310

Conversions

Conversions Part 2

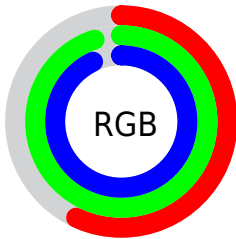
Format	Color
R_{YB}	145, 195, 243
Decimal	9565166
CIE _{Lab}	90.00, -29.97, -6.67
CIE _{LCh}	90, 30.703, 192.540
Yxy	76.2940, 0.2595, 0.3347
Android (android.graphics.Color)	4287755246 (0xFF91F3EE)
YUV	213.1280, 12.2619, -59.7483
Hunter-Lab	87.3464, -31.9571, -1.6437

Details

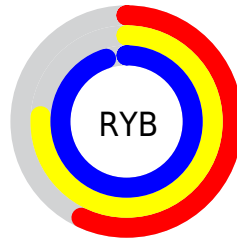
The XYZ color **59.1603, 76.2940, 92.4971** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.5952, 41.5098, 34.0971**, and the grayscale version is **63.2812, 66.5767, 72.5020**.

A 20% lighter version of the original color is **78.4386, 91.4365, 108.1226**, and **29.9329, 40.5214, 50.4998** is the 20% darker color. If you saturate the color by 10%, you get **55.1468, 74.2478, 91.3628**, and if you desaturate by 10%, it is **64.0953, 78.8188, 93.6844**.

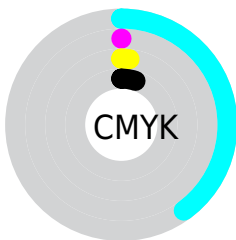
Distribution



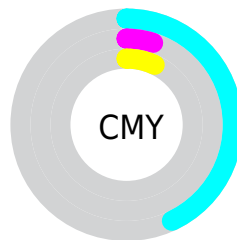
- Red (57%)
- Green (95%)
- Blue (93%)



- Red (57%)
- Yellow (76%)
- Blue (95%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (43%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1603, 76.2940, 92.4971 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 59.1603, 76.2940, 92.4971 by changing the saturation by 10% instead.

59.1603, 76.2940,
92.4971

59.1603, 76.2940,
92.4971

411.3802,
482.3535, 556.8991

42.9890, 56.6736,
69.4682

102.7239,
128.1424, 152.7678

30.0710, 40.7433,
50.6190

130.8470,
161.1392, 190.8468

20.0408, 28.1185,
35.5309

163.6847,
199.3636, 234.7796

12.5332, 18.4150,
23.7853

201.6023,
243.2000, 284.9847

7.1826, 11.2484,
14.9637

244.9654,
293.0328, 341.8806

3.6239, 6.2341,
8.6476

294.1392,


1.4917, 2.9880,


349.2464, 405.8860


4.4184

349.4890,
412.2252, 477.4193


 0.3201, 1.1255,
1.8576


 0.0000, 0.0000,
0.4655


 59.1603, 76.2940,
92.4971

 59.1603, 76.2940,
92.4971


 55.1468, 74.2478,
91.3628


 64.0953, 78.8188,
93.6844


 51.9891, 72.6408,
90.2734


 69.9988, 81.8409,
94.9220


 49.6237, 71.4421,
89.2276


 76.9225, 85.3888,
96.2139


 47.9752, 70.6128,
88.2218


 84.9127, 89.4863,
97.5623


 46.9538, 70.1067,
87.2520


 89.6520, 91.9078,
98.7652

 46.4192, 69.8507,
86.3413

 89.8412, 91.9835,
99.7618

 90.0318, 92.0597,
100.7650

 90.2235, 92.1364,
101.7750

 90.4166, 92.2136,
102.7916

Harmonies

Analogous

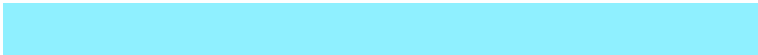
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.4444, 76.2940, 71.1314



59.1603, 76.2940, 92.4971



62.2681, 76.2940, 114.7155

Triad

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



59.1603, 76.2940, 92.4971



82.8551, 76.2940, 117.8964



76.9906, 76.2940, 49.1907

Complementary

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



59.1603, 76.2940, 92.4971



52.5952, 41.5098, 34.0971

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.



83.8289, 76.2940, 57.8575



59.1603, 76.2940, 92.4971



87.3739, 76.2940, 96.2775

Square

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



59.1603, 76.2940, 92.4971



75.7358, 76.2940, 131.0096



87.7422, 76.2940, 74.3084



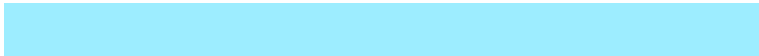
69.3872, 76.2940, 48.5376

Rectangle

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



59.1603, 76.2940, 92.4971



65.9805, 76.2940, 126.0357



87.7422, 76.2940, 74.3084



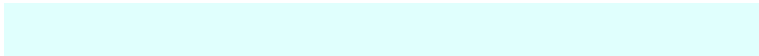
79.4676, 76.2940, 51.1831

Sweetspot

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



59.1625, 76.2970, 92.4989



84.4241, 94.5511, 107.0953



50.0255, 72.7791, 38.2009



17.8451, 20.1224, 22.8819



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.



59.1625, 76.2970, 92.4989



62.4300, 83.2981, 102.2076



48.6351, 54.0495, 92.6666



16.9580, 18.7423, 21.0633



25.4913, 38.3413, 47.4682



2.2515, 3.3742, 4.2301

Inverse Universe

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



52.5952, 41.5098, 34.0971



54.2220, 39.7854, 29.1895



59.9452, 56.8407, 34.6017



16.5334, 16.4962, 17.2896



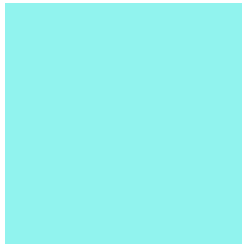
20.3382, 10.4787, 1.2235



1.7994, 0.9257, 0.1698

Previews

White Background



This preview shows how the XYZ color 59.1603, 76.2940, 92.4971 looks on a white background.

Color Contrast Check

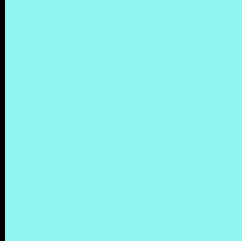
Large Text (above 18pt) WCAG AA × Fail

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 59.1603, 76.2940, 92.4971 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 59.1603, 76.2940, 92.4971

Background



This preview shows how black text looks on a background with the XYZ color 59.1603, 76.2940, 92.4971.

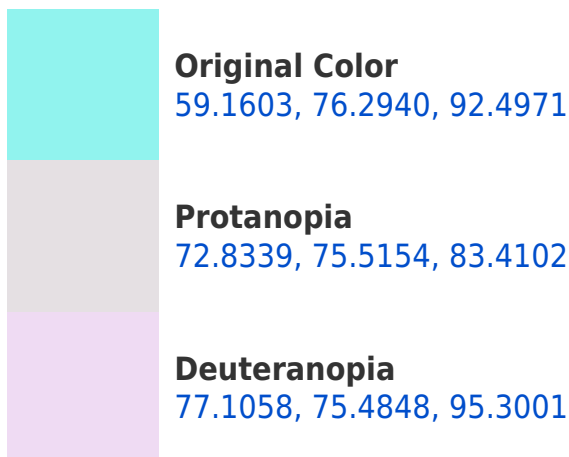


This preview shows how white text looks on a background with the XYZ color 59.1603, 76.2940,

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

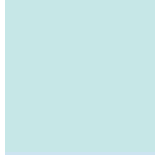
63.7288, 76.1556, 105.9484

Trichromacy



Original Color

59.1603, 76.2940, 92.4971



Protanomaly

66.2884, 74.9271, 86.5699



Deuteranomaly

68.7974, 74.8168, 94.0342



Tritanomaly

61.9693, 76.2276, 101.0698

Monochromacy



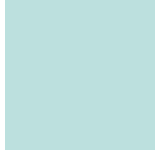
Original Color

59.1603, 76.2940, 92.4971



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.5795, 69.2766, 79.2861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1603, 76.2940, 92.4971 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(145, 243, 238)` looks like.

```
.text, #text, p{  
    color:rgb(145, 243, 238)  
}
```

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(145, 243, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 243, 238) }
```

Border

The CSS property to change the border of an element to XYZ 59.1603, 76.2940, 92.4971 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(145, 243, 238) }
```


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

```
.border{ border-color:rgb(145, 243, 238) }
```

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

Here you see how a box with a 4 pixel rgb(145, 243, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 243, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 243, 238);  
box-shadow:4px 4px 4px 4px rgb(145, 243,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1603, 76.2940, 92.4971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 243, 238) }
```

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

```
.background{ background-color: rgb(145,  
243, 238) }
```

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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