

Converting Colors

XYZ(59.8610, 75.3032, 92.1640)

Have a look what the booklet for
XYZ(59.8610, 75.3032, 92.1640)
contains.

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Color

**XYZ(59.9191, 75.3632,
92.2774)**

Conversions

Conversions Part 1

Format	Color
Hex	9AF0EE
RGB	154, 240, 238
RGB Percent	60%, 94%, 93%
CMY	0.3961, 0.0588, 0.0667
CMYK	0.36, 0.00, 0.01, 0.06
HSL	179°, 74%, 77%
HSV	179°, 36%, 94%
XYZ	59.9191, 75.3632, 92.2774
YIQ	214.0580, -50.6140, -18.8540

Conversions

Conversions Part 2

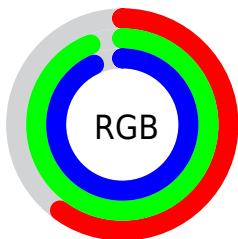
Format	Color
RYB	154, 198, 240
Decimal	10154222
CIELab	89.56, -26.29, -7.26
CIELCh	90, 27.272, 195.444
Yxy	75.3632, 0.2633, 0.3312
Android (android.graphics.Color)	4288344302 (0xFF9AF0EE)
YUV	214.0580, 11.8034, -52.6709
Hunter-Lab	86.8120, -28.7172, -2.2543

Details

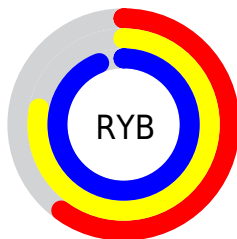
The XYZ color **59.9191, 75.3632, 92.2774** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.4941, 44.0389, 37.1362**, and the grayscale version is **63.9048, 67.2328, 73.2166**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **30.6210, 40.2550, 50.4121** is the 20% darker color. If you saturate the color by 10%, you get **55.7186, 73.2091, 91.6545**, and if you desaturate by 10%, it is **65.0375, 77.9942, 92.9479**.

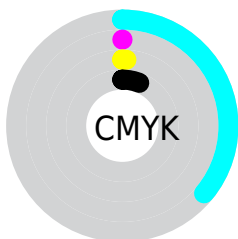
Distribution



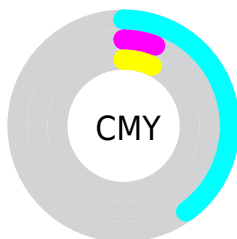
- Red (60%)
- Green (94%)
- Blue (93%)



- Red (60%)
- Yellow (78%)
- Blue (94%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)





- Cyan (40%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9191, 75.3632, 92.2774 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 59.9191, 75.3632, 92.2774 by changing the saturation by 10% instead.


 59.9191, 75.3632,
92.2774


 59.9191, 75.3632,
92.2774

414.1390,
479.1650, 556.1717

 43.6026, 55.9105,
69.2867


 103.8193,
126.8264, 152.4608

 30.5548, 40.1312,
50.4721


 132.1338,
159.6056, 190.4907

 20.4102, 27.6408,
35.4148


165.1783,
197.5958, 234.3707

 12.8036, 18.0551,
23.6965

203.3182,
241.1813, 284.5194

 7.3695, 10.9895,
14.8985

246.9189,
290.7466, 341.3553

 3.7426, 6.0598,
8.6024

296.3457,

 1.5576, 2.8815,

346.6761, 405.2969

4.3895

351.9639,
409.3541, 476.7629

■ 0.3645, 1.0702,
1.8414

■ 0.0000, 0.0000,
0.4550

■ 59.9191, 75.3632,
92.2774

■ 59.9191, 75.3632,
92.2774

■ 55.7186, 73.2091,
91.6545

■ 65.0375, 77.9942,
92.9479

■ 52.3746, 71.4946,
91.0713


■ 71.1173, 81.1189,
93.6631


■ 49.8288, 70.1917,
90.5268


■ 78.2073, 84.7644,
94.4269


■ 48.0127, 69.2648,
90.0178


■ 86.3510, 88.9530,
95.2413


 46.8465, 68.6729,
89.5406


 88.2480, 89.9213,
95.7648


 46.2312, 68.3651,
89.0904

 88.3316, 89.9548,
96.2047

 46.0724, 68.2871,
88.9078

 88.4154, 89.9883,
96.6459

 88.4994, 90.0219,
97.0885

 88.5837, 90.0556,
97.5325

Harmonies

Analogous

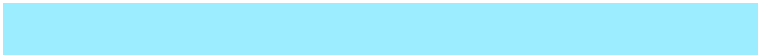
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.8733, 75.3632, 73.1315



59.9191, 75.3632, 92.2774



62.9685, 75.3632, 111.2480

Triad

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



59.9191, 75.3632, 92.2774



81.2056, 75.3632, 110.7541



74.9166, 75.3632, 51.2826

Complementary

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



59.9191, 75.3632, 92.2774



53.4941, 44.0389, 37.1362

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.



81.0524, 75.3632, 58.4801



59.9191, 75.3632, 92.2774



84.8340, 75.3632, 91.6822

Square

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



59.9191, 75.3632, 92.2774



75.1152, 75.3632, 122.9952



84.7763, 75.3632, 72.6219



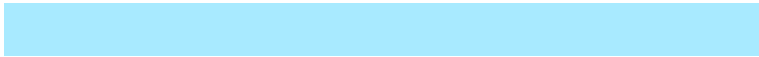
68.2552, 75.3632, 51.3907

Rectangle

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



59.9191, 75.3632, 92.2774



66.4100, 75.3632, 120.3885



84.7763, 75.3632, 72.6219



77.1176, 75.3632, 52.8720

Sweetspot

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



59.9213, 75.3662, 92.2791



85.3678, 95.0208, 107.8989



50.8737, 71.8109, 41.7530



18.0384, 20.2181, 23.0694



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.



59.9213, 75.3662, 92.2791



65.1404, 84.6282, 105.3687



49.6803, 54.4106, 90.3252



16.2306, 17.9222, 20.2370



25.2271, 37.3829, 48.7063



2.1037, 3.1119, 4.0783

Inverse Universe

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



53.4941, 44.0389, 37.1362



56.7566, 43.7530, 33.4306



61.0920, 59.5039, 38.8390



15.7877, 15.7648, 16.4384



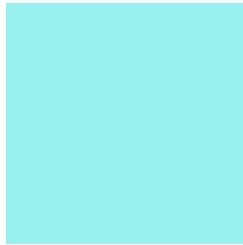
19.6949, 10.1504, 1.0440



1.6436, 0.8465, 0.1143

Previews

White Background



This preview shows how the XYZ color 59.9191, 75.3632, 92.2774 looks on a white background.

Color Contrast Check

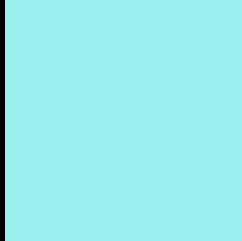
Large Text (above 18pt) WCAG AA × Fail

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 59.9191, 75.3632, 92.2774 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 59.9191, 75.3632, 92.2774

Background



This preview shows how black text looks on a background with the XYZ color 59.9191, 75.3632, 92.2774.

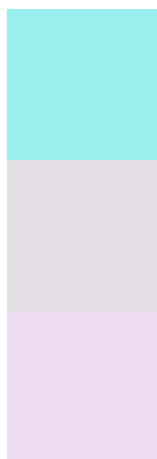


This preview shows how white text looks on a background with the XYZ color 59.9191, 75.3632,

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

59.9191, 75.3632, 92.2774

Protanopia

72.0698, 74.7077, 84.0203

Deuteranopia

76.1741, 74.6184, 95.1820



Tritanopia

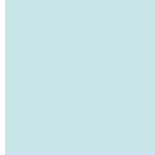
63.2345, 75.4698, 105.8421

Trichromacy



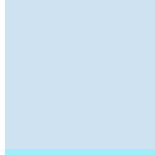
Original Color

59.9191, 75.3632, 92.2774



Protanomaly

66.4042, 74.1442, 87.1553



Deuteranomaly

68.8057, 74.0090, 93.8778



Tritanomaly

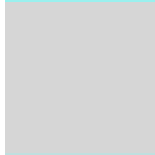
61.9715, 75.3596, 100.9021

Monochromacy



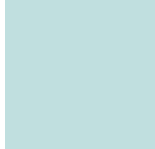
Original Color

59.9191, 75.3632, 92.2774



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.4452, 69.3095, 79.9516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9191, 75.3632, 92.2774 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(154, 240, 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(154, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 240, 238) }
```

Border

The CSS property to change the border of an element to XYZ 59.9191, 75.3632, 92.2774 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, 238) }
```


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

```
.border{ border-color:rgb(154, 240, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(154, 240,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9191, 75.3632, 92.2774 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, 238) }
```

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

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