

Converting Colors

XYZ(59.3556, 74.7866, 92.5508)

Have a look what the booklet for
XYZ(59.3556, 74.7866, 92.5508)
contains.

XYZ(59.2480, 74.5815, 92.1619)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.2480, 74.5815,
92.1619)**

Conversions

Conversions Part 1

Format	Color
Hex	98EFEE
RGB	152, 239, 238
RGB Percent	60%, 94%, 93%
CMY	0.4039, 0.0627, 0.0667
CMYK	0.36, 0.00, 0.00, 0.06
HSL	179°, 73%, 77%
HSV	179°, 36%, 94%
XYZ	59.2480, 74.5815, 92.1619
YIQ	212.8730, -51.5310, -18.7550

Conversions

Conversions Part 2

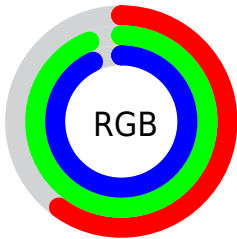
Format	Color
RYB	152, 196, 239
Decimal	10022894
CIELab	89.20, -26.32, -7.81
CIElCh	89, 27.451, 196.540
Yxy	74.5815, 0.2622, 0.3300
Android (android.graphics.Color)	4288212974 (0xFF98EFEE)
YUV	212.8730, 12.3876, -53.3856
Hunter-Lab	86.3606, -28.6704, -2.8204

Details

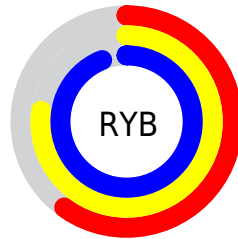
The XYZ color **59.2480, 74.5815, 92.1619** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.5772, 43.1092, 35.6895**, and the grayscale version is **63.1073, 66.3938, 72.3028**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **30.2009, 39.7312, 50.3331** is the 20% darker color. If you saturate the color by 10%, you get **55.1778, 72.4897, 91.7619**, and if you desaturate by 10%, it is **64.2239, 77.1438, 92.6078**.

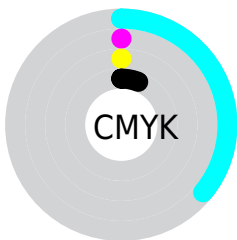
Distribution



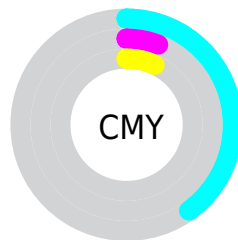
- Red (60%)
- Green (94%)
- Blue (93%)



- Red (60%)
- Yellow (77%)
- Blue (94%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2480, 74.5815, 92.1619 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 59.2480, 74.5815, 92.1619 by changing the saturation by 10% instead.

59.2480, 74.5815,
92.1619

59.2480, 74.5815,
92.1619

411.6996,
476.4779, 555.7892

43.0599, 55.2701,
69.1913

102.8506,
125.7198, 152.2994

30.1269, 39.6180,
50.3948

130.9958,
158.3155, 190.3034

20.0835, 27.2408,
35.3538

163.8575,
196.1080, 234.1557

12.5643, 17.7542,
23.6498

201.8009,
239.4819, 284.2747

7.2042, 10.7737,
14.8643

245.1915,
288.8214, 341.0790

3.6376, 5.9148,
8.5786

294.3946,

1.4992, 2.7934,

344.5110, 404.9871

4.3743

349.7755,
406.9350, 476.4177

■ 0.3253, 1.0248,
1.8329

■ 0.0000, 0.0000,
0.4495

■ 59.2480, 74.5815,
92.1619

■ 59.2480, 74.5815,
92.1619

■ 55.1778, 72.4897,
91.7619

■ 64.2239, 77.1438,
92.6078

■ 51.9523, 70.8316,
91.4002


■ 70.1489, 80.1936,
93.0969


■ 49.5133, 69.5789,
91.0755


■ 77.0714, 83.7576,
93.6330


■ 47.7926, 68.6965,
90.7849


■ 85.0347, 87.8581,
94.2180

 46.7104, 68.1432,
90.5244


 87.7438, 89.2500,
94.5576


 46.1665, 67.8675,
90.2894

 87.7847, 89.2663,
94.7726

 46.0444, 67.8062,
90.2084

 87.8255, 89.2827,
94.9879

 87.8665, 89.2991,
95.2035

 87.9075, 89.3155,
95.4194

Harmonies

Analogous

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



59.0893, 74.5815, 72.9226



59.2480, 74.5815, 92.1619



62.3953, 74.5815, 111.0178

Triad

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



59.2480, 74.5815, 92.1619



80.6492, 74.5815, 109.3011



73.9268, 74.5815, 50.3668

Complementary

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



59.2480, 74.5815, 92.1619



52.5772, 43.1092, 35.6895

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.



80.1172, 74.5815, 57.2756



59.2480, 74.5815, 92.1619



84.1601, 74.5815, 90.0953

Square

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



59.2480, 74.5815, 92.1619



74.6161, 74.5815, 121.9291



83.9595, 74.5815, 71.1558



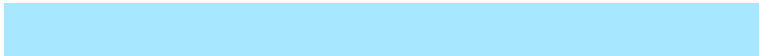
67.2852, 74.5815, 50.7406

Rectangle

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



59.2480, 74.5815, 92.1619



65.8844, 74.5815, 119.9438



83.9595, 74.5815, 71.1558



76.1376, 74.5815, 51.8614

Sweetspot

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



59.2502, 74.5845, 92.1636



85.4208, 95.0420, 108.1779



49.7582, 70.8192, 40.7542



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.



59.2502, 74.5845, 92.1636



64.8956, 84.4788, 106.4057



48.4860, 52.8196, 89.3045



16.2391, 17.9257, 20.2819



25.4478, 37.4711, 49.8683



2.1195, 3.1183, 4.1618

Inverse Universe

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



52.5772, 43.1092, 35.6895



56.0736, 42.8614, 31.7406



60.5697, 59.2262, 37.9467



15.7802, 15.7618, 16.3989



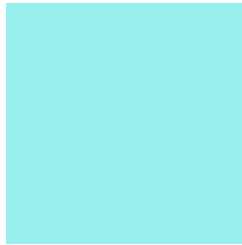
19.6831, 10.1457, 0.9817



1.6400, 0.8451, 0.0952

Previews

White Background



This preview shows how the XYZ color 59.2480, 74.5815, 92.1619 looks on a white background.

Color Contrast Check

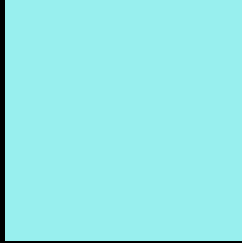
Large Text (above 18pt) WCAG AA × Fail

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 59.2480, 74.5815, 92.1619 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 59.2480, 74.5815, 92.1619

Background



This preview shows how black text looks on a background with the XYZ color 59.2480, 74.5815, 92.1619.

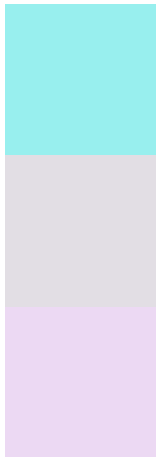


This preview shows how white text looks on a background with the XYZ color 59.2480, 74.5815,

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

59.2480, 74.5815, 92.1619

Protanopia

71.4889, 74.0127, 83.9168

Deuteranopia

75.5826, 73.9296, 95.0802



Tritanopia

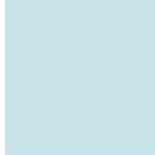
61.9501, 74.3790, 105.6992

Trichromacy



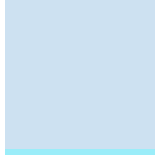
Original Color

59.2480, 74.5815, 92.1619



Protanomaly

65.8621, 73.4551, 87.0509



Deuteranomaly

67.9792, 73.1804, 93.7614



Tritanomaly

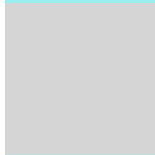
60.9006, 74.3765, 100.7688

Monochromacy



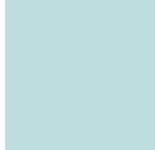
Original Color

59.2480, 74.5815, 92.1619



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.7919, 68.5928, 79.1429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2480, 74.5815, 92.1619 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(152, 239, 238)` looks like.

```
.text, #text, p{  
    color:rgb(152, 239, 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(152, 239, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 239, 238) }
```

Border

The CSS property to change the border of an element to XYZ 59.2480, 74.5815, 92.1619 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(152, 239, 238) }
```


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

```
.border{ border-color:rgb(152, 239, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 239, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 239, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 239, 238);  
box-shadow:4px 4px 4px 4px rgb(152, 239,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2480, 74.5815, 92.1619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 239, 238) }
```

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

```
.background{ background-color: rgb(152,  
239, 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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