

Converting Colors

XYZ(59.7938, 74.0580, 91.3802)

Have a look what the booklet for
XYZ(59.7938, 74.0580, 91.3802)
contains.

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Color

**XYZ(59.6708, 73.9519,
91.2499)**

Conversions

Conversions Part 1

Format	Color
Hex	9EEDED
RGB	158, 237, 237
RGB Percent	62%, 93%, 93%
CMY	0.3804, 0.0706, 0.0706
CMYK	0.33, 0.00, 0.00, 0.07
HSL	180°, 69%, 77%
HSV	180°, 33%, 93%
XYZ	59.6708, 73.9519, 91.2499
YIQ	213.3790, -47.0840, -16.7480

Conversions

Conversions Part 2

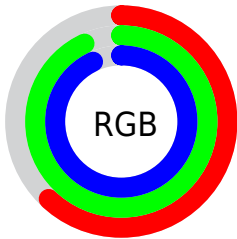
Format	Color
R _{YB}	158, 198, 237
Decimal	10415597
CIE Lab	88.90, -24.02, -7.70
CIE LCh	89, 25.226, 197.773
Yxy	73.9519, 0.2654, 0.3289
Android (android.graphics.Color)	4288605677 (0xFF9EDED)
YUV	213.3790, 11.6452, -48.5674
Hunter-Lab	85.9953, -26.6334, -2.7161

Details

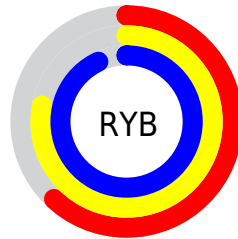
The XYZ color **59.6708, 73.9519, 91.2499** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.3260, 44.9290, 38.2122**, and the grayscale version is **63.4484, 66.7526, 72.6936**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **30.3439, 39.2087, 49.6848** is the 20% darker color. If you saturate the color by 10%, you get **55.4515, 71.7786, 91.0534**, and if you desaturate by 10%, it is **64.7934, 76.5945, 91.4919**.

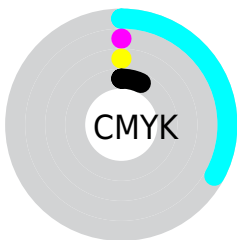
Distribution



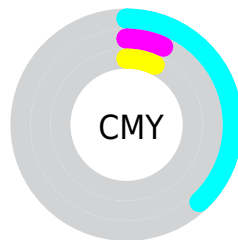
- Red (62%)
- Green (93%)
- Blue (93%)



- Red (62%)
- Yellow (78%)
- Blue (93%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6708, 73.9519, 91.2499 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 59.6708, 73.9519, 91.2499 by changing the saturation by 10% instead.

59.6708, 73.9519,
91.2499

59.6708, 73.9519,
91.2499

413.2375,
474.3073, 552.7631

43.4018, 54.7547,
68.4382

103.4610,
124.8276, 151.0240

30.3964, 39.2053,
49.7854

131.7130,
157.2749, 188.8235

20.2892, 26.9195,
34.8729

164.6899,
194.9077, 232.4560

12.7149, 17.5128,
23.2823

202.7573,
238.1103, 282.3402

7.3082, 10.6008,
14.5948

246.2803,
287.2672, 338.8944

3.7036, 5.7991,
8.3921

295.6245,

1.5359, 2.7233,

342.7627, 402.5372

4.2555

351.1551,
404.9813, 473.6873

■ 0.3500, 0.9890,
1.7665

■ 0.0000, 0.0000,
0.4057

■ 59.6708, 73.9519,
91.2499

■ 59.6708, 73.9519,
91.2499

■ 55.4515, 71.7786,
91.0534

■ 64.7934, 76.5945,
91.4919

■ 52.0771, 70.0391,
90.8949

■ 70.8605, 79.7222,
91.7764

■ 49.4927, 68.7068,
90.7733

■ 77.9186, 83.3608,
92.1073

■ 47.6341, 67.7486,
90.6857

■ 86.0094, 87.5317,
92.4866

■ 46.4270, 67.1263,
90.6286

■ 86.8123, 87.9456,
92.5248

■ 45.7813, 66.7935,
90.5978

■ 86.8124, 87.9457,
92.5254

■ 45.5709, 66.6851,
90.5875

■ 86.8126, 87.9457,
92.5260

■ 86.8127, 87.9458,
92.5267

■ 86.8128, 87.9458,
92.5273

Harmonies

Analogous

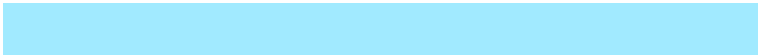
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.4070, 73.9519, 73.5944



59.6708, 73.9519, 91.2499



62.6754, 73.9519, 108.1355

Triad

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



59.6708, 73.9519, 91.2499



79.3654, 73.9519, 105.3533



72.8101, 73.9519, 51.8774

Complementary

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



59.6708, 73.9519, 91.2499



53.3260, 44.9290, 38.2122

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.



78.4957, 73.9519, 58.0601



59.6708, 73.9519, 91.2499



82.4249, 73.9519, 87.8692

Square

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



59.6708, 73.9519, 91.2499



73.9417, 73.9519, 117.0554



82.0977, 73.9519, 70.6680



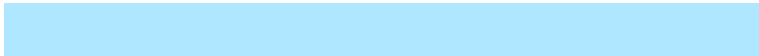
66.7587, 73.9519, 52.5095

Rectangle

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



59.6708, 73.9519, 91.2499



65.9322, 73.9519, 115.9101



82.0977, 73.9519, 70.6680



74.8338, 73.9519, 53.1857

Sweetspot

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



59.6730, 73.9548, 91.2516



86.2827, 95.4803, 108.4890



50.8190, 70.4433, 43.2678



18.2251, 20.3115, 23.2097



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.



59.6730, 73.9548, 91.2516



66.9463, 85.5121, 107.5818



49.7701, 54.1485, 87.9526



15.5177, 17.1219, 19.4091



24.8790, 36.4061, 49.4554



1.9536, 2.8588, 3.8835

Inverse Universe

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



53.3260, 44.9290, 38.2122



58.3813, 46.3425, 36.0065



60.8805, 60.0384, 40.7292



15.0656, 15.0541, 15.6305



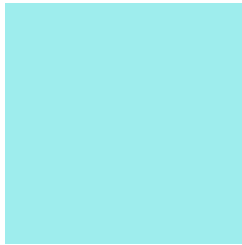
19.0678, 9.8298, 0.8925



1.4973, 0.7719, 0.0701

Previews

White Background



This preview shows how the XYZ color 59.6708, 73.9519, 91.2499 looks on a white background.

Color Contrast Check

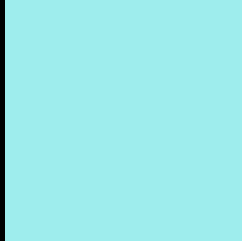
Large Text (above 18pt) WCAG AA × Fail

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 59.6708, 73.9519, 91.2499 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

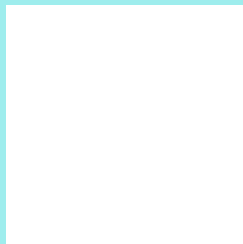
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6708, 73.9519, 91.2499

Background



This preview shows how black text looks on a background with the XYZ color 59.6708, 73.9519, 91.2499.

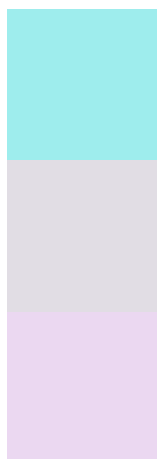


This preview shows how white text looks on a background with the XYZ color 59.6708, 73.9519,

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

59.6708, 73.9519, 91.2499

Protanopia

70.9114, 73.3219, 83.8139

Deuteranopia

74.6940, 73.1248, 93.3968



Tritanopia

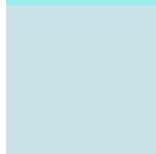
62.0527, 73.6189, 103.8678

Trichromacy



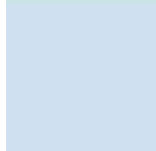
Original Color

59.6708, 73.9519, 91.2499



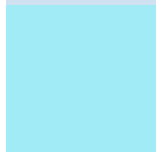
Protanomaly

65.9803, 73.1252, 86.2383



Deuteranomaly

68.1160, 72.8680, 92.9129



Tritanomaly

61.1948, 73.7091, 98.9977

Monochromacy



Original Color

59.6708, 73.9519, 91.2499



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

61.2984, 68.8539, 79.1666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6708, 73.9519, 91.2499 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(158, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(158, 237, 237)  
}
```

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(158, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 237, 237) }
```

Border

The CSS property to change the border of an element to XYZ 59.6708, 73.9519, 91.2499 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(158, 237, 237) }
```


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

```
.border{ border-color:rgb(158, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(158, 237,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6708, 73.9519, 91.2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 237, 237) }
```

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

```
.background{ background-color: rgb(158,  
237, 237) }
```

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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