

Converting Colors

XYZ(59.4041, 73.0451, 97.1249)

Have a look what the booklet for
XYZ(59.4041, 73.0451, 97.1249)
contains.

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Color

**XYZ(59.6138, 73.3558,
97.4033)**

Conversions

Conversions Part 1

Format	Color
Hex	99ECF5
RGB	153, 236, 245
RGB Percent	60%, 93%, 96%
CMY	0.4000, 0.0745, 0.0392
CMYK	0.38, 0.04, 0.00, 0.04
HSL	186°, 82%, 78%
HSV	186°, 38%, 96%
XYZ	59.6138, 73.3558, 97.4033
YIQ	212.2090, -52.3570, -14.7970

Conversions

Conversions Part 2

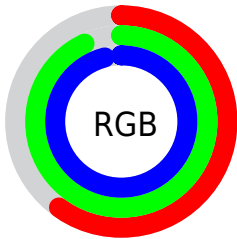
Format	Color
R _Y B	153, 197, 245
Decimal	10087669
CIE Lab	88.62, -22.94, -12.33
CIE LCh	89, 26.046, 208.266
Yxy	73.3558, 0.2588, 0.3184
Android (android.graphics.Color)	4288277749 (0xFF99ECF5)
YUV	212.2090, 16.1660, -51.9263
Hunter-Lab	85.6480, -25.6422, -7.4740

Details

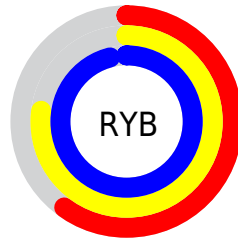
The XYZ color **59.6138, 73.3558, 97.4033** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.3275, 47.5541, 36.3489**, and the grayscale version is **62.6409, 65.9032, 71.7685**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **30.4363, 38.8580, 54.0403** is the 20% darker color. If you saturate the color by 10%, you get **54.7711, 69.8437, 96.9819**, and if you desaturate by 10%, it is **65.4195, 77.3816, 97.8756**.

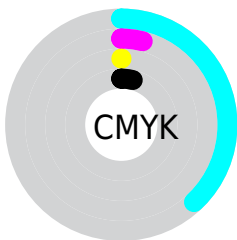
Distribution



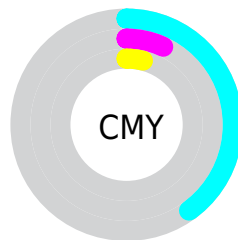
- Red (60%)
- Green (93%)
- Blue (96%)



- Red (60%)
- Yellow (77%)
- Blue (96%)



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6138, 73.3558, 97.4033 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 59.6138, 73.3558, 97.4033 by changing the saturation by 10% instead.

59.6138, 73.3558,
97.4033

59.6138, 73.3558,
97.4033

413.0304,
472.2470, 573.0103

43.3557, 54.2669,
73.5290

103.3788,
123.9822, 159.6047

30.3600, 38.8151,
53.9141

131.6163,
156.2885, 198.7689

20.2614, 26.6159,
38.1403

164.5778,
193.7694, 243.8668

12.6946, 17.2850,
25.7889

202.6284,
236.8094, 295.3168

7.2941, 10.4379,
16.4415

246.1337,
285.7927, 353.5377

3.6947, 5.6902,
9.6793

295.4588,

1.5309, 2.6577,

341.1038, 418.9479

5.0841

350.9693,
403.1271, 491.9659

■ 0.3467, 0.9557,
2.2371

■ 0.0000, 0.0000,
0.6956

■ 59.6138, 73.3558,
97.4033

■ 59.6138, 73.3558,
97.4033

■ 54.7711, 69.8437,
96.9819

■ 65.4195, 77.3816,
97.8756

■ 50.8263, 66.8065,
96.6036

■ 72.2351, 81.9400,
98.3963

■ 47.7165, 64.2133,
96.2669

■ 80.1125, 87.0597,
98.9693

■ 45.3680, 62.0262,
95.9686

■ 89.0979, 92.7644,
99.5968

■ 43.6939, 60.2002,
95.7044

■ 91.2844, 94.9782,
99.9089

■ 42.5792, 58.6762,
95.4689

■ 92.0258, 96.4609,
100.1560

■ 42.3487, 58.3268,
95.4136

■ 92.7766, 97.9626,
100.4063

■ 93.4817, 99.3727,
100.6413

Harmonies

Analogous

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



58.3304, 73.3558, 78.8294



59.6138, 73.3558, 97.4033



63.5590, 73.3558, 113.0613

Triad

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



59.6138, 73.3558, 97.4033



80.5107, 73.3558, 99.4883



70.0888, 73.3558, 50.0391

Complementary

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



59.6138, 73.3558, 97.4033



56.3275, 47.5541, 36.3489

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.



76.2721, 73.3558, 53.9107



59.6138, 73.3558, 97.4033



82.5089, 73.3558, 80.9238

Square

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



59.6138, 73.3558, 97.4033



75.6017, 73.3558, 114.3866



80.9138, 73.3558, 64.5816



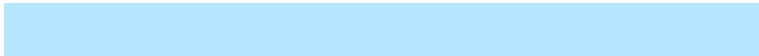
64.1563, 73.3558, 53.1089

Rectangle

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



59.6138, 73.3558, 97.4033



67.2942, 73.3558, 118.7644



80.9138, 73.3558, 64.5816



72.2085, 73.3558, 50.5587

Sweetspot

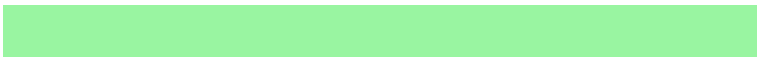
The Sweet Spot groups the original color and five complimentary colors.



59.6160, 73.3587, 97.4050



84.6039, 93.3249, 108.1621



52.1946, 74.6401, 45.2222



17.8549, 19.8108, 23.1328



0.0000, 0.0000, 0.0000



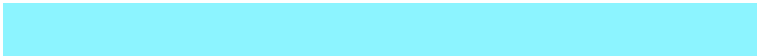
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.6160, 73.3587, 97.4050



61.1911, 77.3846, 106.3194



48.3236, 50.7739, 93.6409



16.8501, 18.4645, 21.2185



22.8712, 31.5363, 51.4197



2.0496, 2.8505, 4.5324

Inverse Universe

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



64.1896, 48.2530, 85.2906



66.9500, 46.6074, 90.8783



65.6397, 66.1784, 39.4530



17.1397, 16.7387, 20.4820



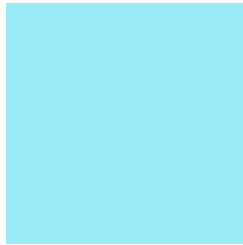
27.3489, 13.2830, 38.1410



2.4236, 1.1754, 3.4569

Previews

White Background



This preview shows how the XYZ color 59.6138, 73.3558, 97.4033 looks on a white background.

Color Contrast Check

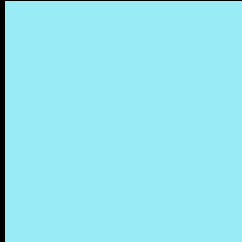
Large Text (above 18pt) WCAG AA × Fail

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 59.6138, 73.3558, 97.4033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

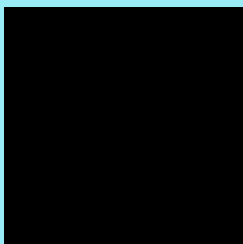
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

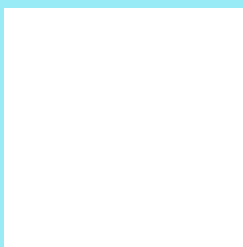
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6138, 73.3558, 97.4033

Background



This preview shows how black text looks on a background with the XYZ color 59.6138, 73.3558, 97.4033.



This preview shows how white text looks on a background with the XYZ color 59.6138, 73.3558,

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

59.6138, 73.3558, 97.4033

Protanopia

70.4074, 72.5567, 88.8912

Deuteranopia

74.2879, 72.7743, 99.7540



Tritanopia

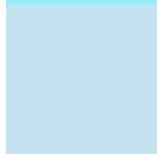
61.1153, 73.5410, 104.7396

Trichromacy



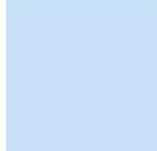
Original Color

59.6138, 73.3558, 97.4033



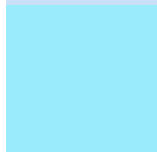
Protanomaly

65.5413, 72.3605, 92.1739



Deuteranomaly

67.6881, 72.1092, 99.1579



Tritanomaly

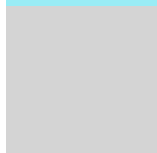
60.4473, 73.2517, 102.2199

Monochromacy



Original Color

59.6138, 73.3558, 97.4033



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.7969, 68.1711, 80.4750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6138, 73.3558, 97.4033 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(153, 236, 245)` looks like.

```
.text, #text, p{  
    color:rgb(153, 236, 245)  
}
```

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(153, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 236, 245) }
```

Border

The CSS property to change the border of an element to XYZ 59.6138, 73.3558, 97.4033 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(153, 236, 245) }
```


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

```
.border{ border-color:rgb(153, 236, 245) }
```

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

Here you see how a box with a 4 pixel rgb(153, 236, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 236, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 236, 245);  
box-shadow:4px 4px 4px 4px rgb(153, 236,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6138, 73.3558, 97.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 236, 245) }
```

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

```
.background{ background-color: rgb(153,  
236, 245) }
```

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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