

Converting Colors

XYZ(59.1152, 73.8134,
103.0306)

Have a look what the booklet for
XYZ(59.1152, 73.8134, 103.0306)
contains.

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Color

**XYZ(59.1297, 73.8401,
103.2316)**

Conversions

Conversions Part 1

Format	Color
Hex	8DEEFC
RGB	141, 238, 252
RGB Percent	55%, 93%, 99%
CMY	0.4470, 0.0667, 0.0118
CMYK	0.44, 0.06, 0.00, 0.01
HSL	188°, 95%, 77%
HSV	188°, 44%, 99%
XYZ	59.1297, 73.8401, 103.2316
YIQ	210.5930, -62.3060, -16.2100

Conversions

Conversions Part 2

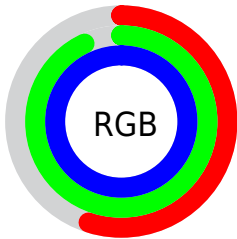
Format	Color
RYB	141, 193, 252
Decimal	9301756
CIELab	88.85, -25.09, -15.71
CIELCh	89, 29.603, 212.047
Yxy	73.8401, 0.2503, 0.3126
Android (android.graphics.Color)	4287491836 (0xFF8DEEFC)
YUV	210.5930, 20.4137, -61.0331
Hunter-Lab	85.9303, -27.5499, -11.0764

Details

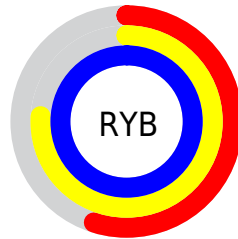
The XYZ color **59.1297, 73.8401, 103.2316** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.6752, 46.0623, 31.1049**, and the grayscale version is **61.5496, 64.7549, 70.5181**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **30.0580, 39.1899, 57.6099** is the 20% darker color. If you saturate the color by 10%, you get **54.4060, 70.0452, 102.7494**, and if you desaturate by 10%, it is **64.8490, 78.1759, 103.7684**.

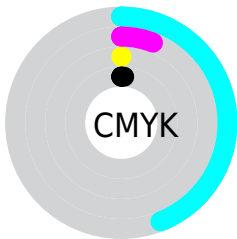
Distribution



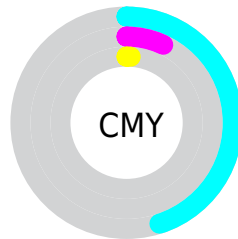
- Red (55%)
- Green (93%)
- Blue (99%)



- Red (55%)
- Yellow (76%)
- Blue (99%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (45%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1297, 73.8401, 103.2316 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 59.1297, 73.8401, 103.2316 by changing the saturation by 10% instead.

59.1297, 73.8401,
103.2316

59.1297, 73.8401,
103.2316

411.2687,
473.9213, 591.8395

42.9643, 54.6632,
78.3702

102.6797,
124.6691, 167.6816

30.0515, 39.1321,
57.8599

130.7950,
157.0900, 208.1073

20.0260, 26.8625,
41.2821

163.6243,
194.6943, 254.5582

12.5223, 17.4700,
28.2182

201.5330,
237.8665, 307.4528

7.1751, 10.5702,
18.2497

244.8865,
286.9908, 367.2097

3.6192, 5.7786,
10.9581

294.0500,

1.4890, 2.7109,

342.4519, 434.2474

5.9249

349.3890,
404.6339, 508.9845

■ 0.3184, 0.9827,
2.7314

■ 0.0000, 0.0000,
0.9592

■ 59.1297, 73.8401,
103.2316

■ 59.1297, 73.8401,
103.2316

■ 54.4060, 70.0452,
102.7494

■ 64.8490, 78.1759,
103.7684

■ 50.6041, 66.7479,
102.3133

■ 71.6179, 83.0755,
104.3573

■ 47.6507, 63.9120,
101.9216

■ 79.4944, 88.5706,
105.0028

■ 45.4583, 61.4923,
101.5701

■ 88.5305, 94.6881,
105.7074

■ 43.9197, 59.4334,
101.2538

94.2190, 99.1045,
106.2600

■ 43.2226, 58.3316,
101.0779

94.5709, 99.8084,
106.3773

Harmonies

Analogous

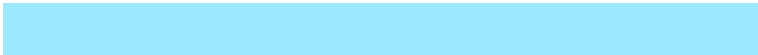
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.2824, 73.8401, 81.8182



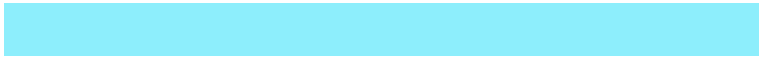
59.1297, 73.8401, 103.2316



63.9143, 73.8401, 120.5801

Triad

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



59.1297, 73.8401, 103.2316



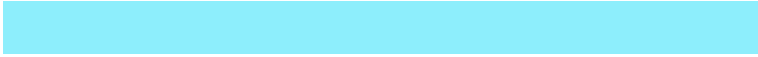
83.0840, 73.8401, 100.3720



69.6914, 73.8401, 47.0335

Complementary

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



59.1297, 73.8401, 103.2316



56.6752, 46.0623, 31.1049

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.



76.8483, 73.8401, 50.3126



59.1297, 73.8401, 103.2316



84.8878, 73.8401, 78.9969

Square

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



59.1297, 73.8401, 103.2316



77.7582, 73.8401, 118.7412



82.5340, 73.8401, 61.2093



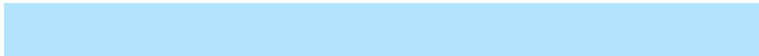
63.1161, 73.8401, 51.3518

Rectangle

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



59.1297, 73.8401, 103.2316



68.2917, 73.8401, 126.2056



82.5340, 73.8401, 61.2093



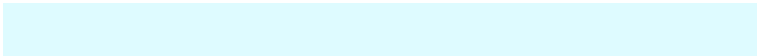
72.1085, 73.8401, 47.2821

Sweetspot

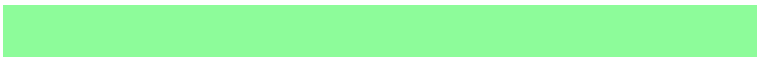
The Sweet Spot groups the original color and five complimentary colors.



59.1319, 73.8430, 103.2333



82.5691, 91.6076, 107.9379



51.6251, 77.6165, 42.8124



17.2633, 19.3262, 23.0704



0.0000, 0.0000, 0.0000



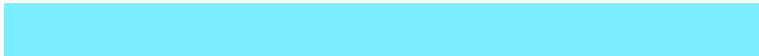
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1319, 73.8430, 103.2333



56.3369, 72.3262, 105.5988



45.6041, 46.7872, 98.7240



17.5681, 19.2130, 22.1678



22.5905, 30.5366, 52.6771



2.1429, 2.9295, 4.8957

Inverse Universe

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



65.1042, 45.9201, 86.3242



63.3647, 40.8274, 85.3963



67.8652, 68.4424, 34.8349



17.8933, 17.4847, 21.2938



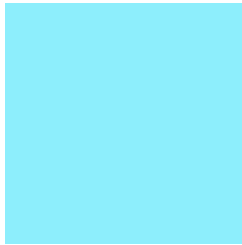
27.6947, 13.4936, 36.6962



2.5906, 1.2600, 3.5333

Previews

White Background



This preview shows how the XYZ color 59.1297, 73.8401, 103.2316 looks on a white background.

Color Contrast Check

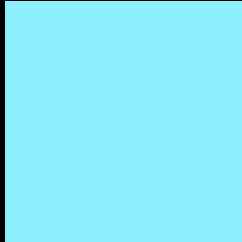
Large Text (above 18pt) WCAG AA × Fail

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 59.1297, 73.8401, 103.2316 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 59.1297, 73.8401, 103.2316

Background



This preview shows how black text looks on a background with the XYZ color 59.1297, 73.8401, 103.2316.

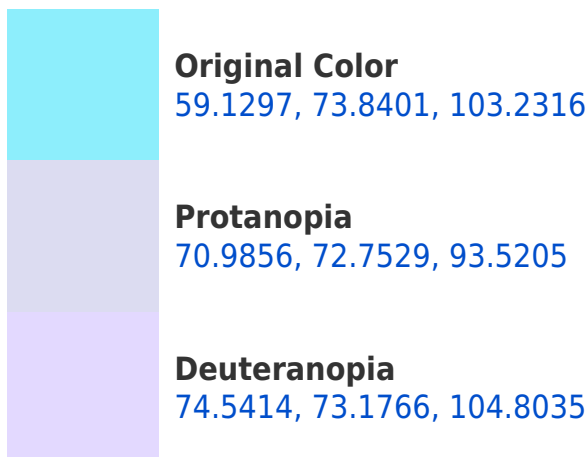


This preview shows how white text looks on a background with the XYZ color 59.1297, 73.8401,

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

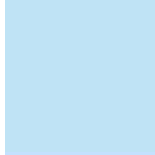
60.3668, 73.9914, 105.7078

Trichromacy



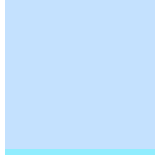
Original Color

59.1297, 73.8401, 103.2316



Protanomaly

65.4364, 72.6071, 96.9519



Deuteranomaly

67.5796, 72.7419, 104.2447



Tritanomaly

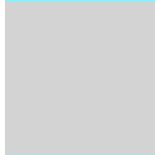
59.8506, 73.7439, 104.8455

Monochromacy



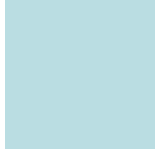
Original Color

59.1297, 73.8401, 103.2316



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.8336, 67.6430, 81.8543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1297, 73.8401, 103.2316 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(141, 238, 252)` looks like.

```
.text, #text, p{  
    color:rgb(141, 238, 252)  
}
```

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(141, 238, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 238, 252) }
```

Border

The CSS property to change the border of an element to XYZ 59.1297, 73.8401, 103.2316 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(141, 238, 252) }
```


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

```
.border{ border-color:rgb(141, 238, 252) }
```

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

Here you see how a box with a 4 pixel rgb(141, 238, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 238, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 238, 252);  
box-shadow:4px 4px 4px 4px rgb(141, 238,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1297, 73.8401, 103.2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 238, 252) }
```

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

```
.background{ background-color: rgb(141,  
238, 252) }
```

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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