

Converting Colors

XYZ(73.0529, 78.7851,
178.3623)

Have a look what the booklet for
XYZ(73.0529, 78.7851, 178.3623)
contains.

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Color

**XYZ(59.3187, 73.4511,
105.6588)**

Conversions

Conversions Part 1

Format	Color
Hex	8DEDFF
RGB	141, 237, 255
RGB Percent	55%, 93%, 100%
CMY	0.4470, 0.0706, 0.0000
CMYK	0.45, 0.07, 0.00, 0.00
HSL	189°, 100%, 78%
HSV	189°, 45%, 100%
XYZ	59.3187, 73.4511, 105.6588
YIQ	210.3480, -62.9940, -14.7540

Conversions

Conversions Part 2

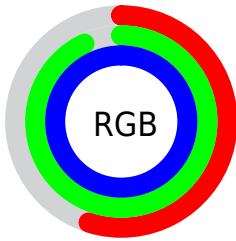
Format	Color
RYB	141, 193, 255
Decimal	9301503
CIELab	88.66, -23.84, -17.55
CIELCh	89, 29.608, 216.361
Yxy	73.4511, 0.2488, 0.3081
Android (android.graphics.Color)	4287491583 (0xFF8DEDFF)
YUV	210.3480, 22.0134, -60.8182
Hunter-Lab	85.7036, -26.4348, -13.1025

Details

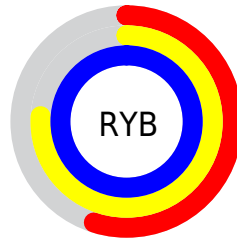
The XYZ color **59.3187, 73.4511, 105.6588** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.4464, 47.9799, 31.3819**, and the grayscale version is **61.3785, 64.5750, 70.3222**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **30.1966, 38.9188, 59.3466** is the 20% darker color. If you saturate the color by 10%, you get **54.3196, 69.1647, 105.0949**, and if you desaturate by 10%, it is **65.3460, 78.3098, 106.2789**.

Distribution



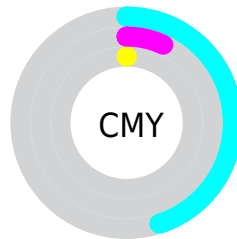
- Red (55%)
- Green (93%)
- Blue (100%)



- Red (55%)
- Yellow (76%)
- Blue (100%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3187, 73.4511, 105.6588 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 59.3187, 73.4511, 105.6588 by changing the saturation by 10% instead.

59.3187, 73.4511,
105.6588

59.3187, 73.4511,
105.6588

411.9570,
472.5768, 599.5879

43.1171, 54.3449,
80.3917

102.9527,
124.1174, 171.0316

30.1719, 38.8775,
59.5126

131.1158,
156.4463, 211.9744

20.1178, 26.6644,
42.6032

163.9968,
193.9515, 258.9794

12.5895, 17.3214,
29.2448

201.9609,
237.0175, 312.4653

7.2215, 10.4639,
19.0189

245.3737,
286.0286, 372.8505

3.6486, 5.7076,
11.5070

294.6004,

1.5053, 2.6681,

341.3693, 440.5537

6.2905

350.0064,
403.4239, 515.9933

0.3294, 0.9610,
2.9509

0.0000, 0.0000,
1.0696

59.3187, 73.4511,
105.6588

59.3187, 73.4511,
105.6588

54.3196, 69.1647,
105.0949

65.3460, 78.3098,
106.2789

50.2732, 65.4064,
104.5828

72.4586, 83.7653,
106.9571

47.1029, 62.1380,
104.1190

80.7163, 89.8506,
107.6964

44.7173, 59.3123,
103.6993

90.1728, 96.5934,
108.4995

■ 43.0044, 56.8712, 95.0500, 100.0000,
103.3184 108.9000

■ 42.2853, 55.6905,
103.1284

Harmonies

Analogous

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



57.0240, 73.4511, 84.4173



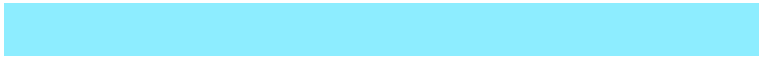
59.3187, 73.4511, 105.6588



64.4454, 73.4511, 121.7306

Triad

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



59.3187, 73.4511, 105.6588



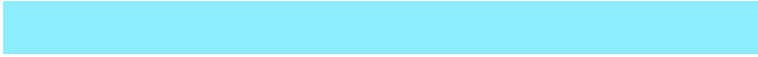
83.1774, 73.4511, 96.8213



68.3011, 73.4511, 46.8852

Complementary

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



59.3187, 73.4511, 105.6588



58.4464, 47.9799, 31.3819

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.



75.4708, 73.4511, 49.0619



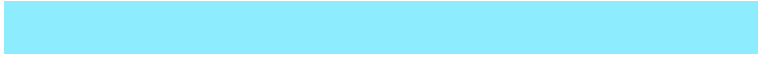
59.3187, 73.4511, 105.6588



84.3842, 73.4511, 75.6928

Square

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



59.3187, 73.4511, 105.6588



78.2836, 73.4511, 116.0498



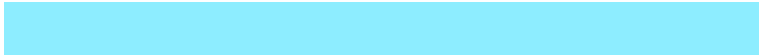
81.4775, 73.4511, 58.8334



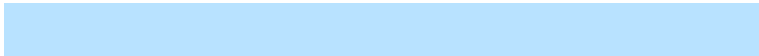
61.9767, 73.4511, 52.2789

Rectangle

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



59.3187, 73.4511, 105.6588



68.9444, 73.4511, 126.0462



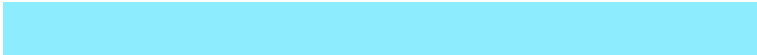
81.4775, 73.4511, 58.8334



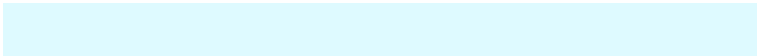
70.6890, 73.4511, 46.7711

Sweetspot

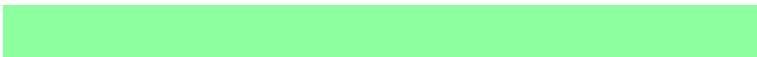
The Sweet Spot groups the original color and five complimentary colors.



59.3207, 73.4538, 105.6592



82.2414, 90.9522, 107.8287



52.9259, 79.6554, 44.9804



17.1816, 19.1628, 23.0432



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.



59.3207, 73.4538, 105.6592



54.6396, 69.4488, 105.1329



45.5396, 45.8916, 101.0655



18.2963, 19.9642, 23.1391



22.1865, 29.2826, 53.9173



2.2229, 2.9765, 5.2706

Inverse Universe

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



66.0523, 46.4259, 85.6036



62.3817, 39.9508, 81.7103



70.3745, 71.8360, 35.3579



18.6622, 18.2482, 22.1043



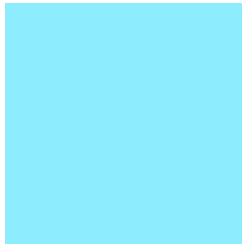
27.9869, 13.6841, 34.9112



2.7566, 1.3450, 3.5658

Previews

White Background



This preview shows how the XYZ color 59.3187, 73.4511, 105.6588 looks on a white background.

Color Contrast Check

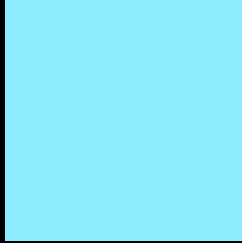
Large Text (above 18pt) WCAG AA × Fail

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 59.3187, 73.4511, 105.6588 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 59.3187, 73.4511, 105.6588

Background



This preview shows how black text looks on a background with the XYZ color 59.3187, 73.4511, 105.6588.

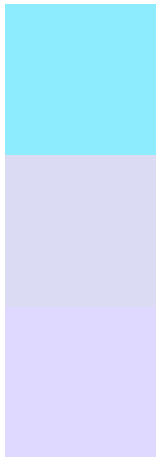


This preview shows how white text looks on a background with the XYZ color 59.3187, 73.4511,

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

59.3187, 73.4511, 105.6588

Protanopia

71.1358, 72.7781, 95.8863

Deuteranopia

73.6033, 72.6930, 104.7596



Tritanopia

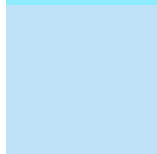
59.5471, 73.1402, 105.5868

Trichromacy



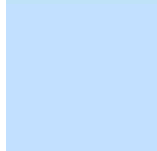
Original Color

59.3187, 73.4511, 105.6588



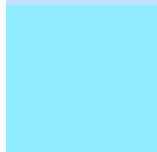
Protanomaly

65.6255, 72.2464, 99.2931



Deuteranomaly

66.9538, 72.0006, 104.9764



Tritanomaly

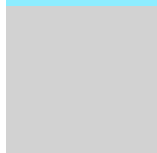
59.3731, 73.0505, 105.5786

Monochromacy



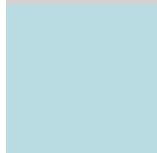
Original Color

59.3187, 73.4511, 105.6588



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

59.3283, 66.9917, 81.7553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3187, 73.4511, 105.6588 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, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 237, 255)  
}
```

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, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.3187, 73.4511, 105.6588 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, 237, 255) }
```


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

```
.border{ border-color:rgb(141, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 237,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3187, 73.4511, 105.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 237, 255) }
```

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

```
.background{ background-color: rgb(141,  
237, 255) }
```

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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