

Converting Colors

XYZ(58.8546, 71.1946, 96.6742)

Have a look what the booklet for
XYZ(58.8546, 71.1946, 96.6742)
contains.

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Color

**XYZ(59.0483, 71.3737,
97.0505)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE8F5
RGB	156, 232, 245
RGB Percent	61%, 91%, 96%
CMY	0.3882, 0.0902, 0.0392
CMYK	0.36, 0.05, 0.00, 0.04
HSL	189°, 82%, 79%
HSV	189°, 36%, 96%
XYZ	59.0483, 71.3737, 97.0505
YIQ	210.7580, -49.4690, -12.0690

Conversions

Conversions Part 2

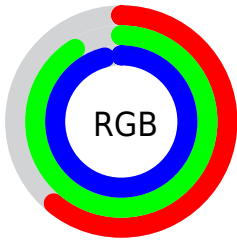
Format	Color
R _Y B	156, 197, 245
Decimal	10283253
CIE Lab	87.67, -20.20, -13.74
CIE LCh	88, 24.430, 214.226
Yxy	71.3737, 0.2596, 0.3138
Android (android.graphics.Color)	4288473333 (0xFF9CE8F5)
YUV	210.7580, 16.8813, -48.0228
Hunter-Lab	84.4830, -23.0848, -8.9718

Details

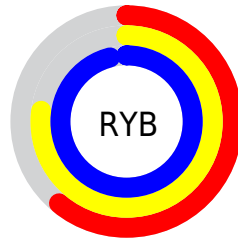
The XYZ color **59.0483, 71.3737, 97.0505** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.8459, 50.1895, 38.0929**, and the grayscale version is **61.6745, 64.8864, 70.6613**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **29.9662, 37.4341, 53.7902** is the 20% darker color. If you saturate the color by 10%, you get **53.7807, 67.1798, 96.5199**, and if you desaturate by 10%, it is **65.2969, 76.1071, 97.6360**.

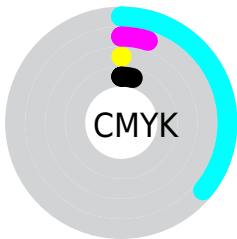
Distribution



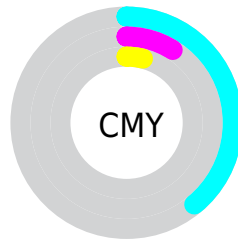
- Red (61%)
- Green (91%)
- Blue (96%)



- Red (61%)
- Yellow (77%)
- Blue (96%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0483, 71.3737, 97.0505 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 59.0483, 71.3737, 97.0505 by changing the saturation by 10% instead.

59.0483, 71.3737,
97.0505

59.0483, 71.3737,
97.0505

410.9721,
465.3587, 571.8600

42.8985, 52.6472,
73.2365

102.5621,
121.1657, 159.1143

29.9997, 37.5212,
53.6764

130.6568,
153.0000, 198.2012

19.9864, 25.6113,
37.9516

163.4639,
189.9723, 243.2161

12.4934, 16.5331,
25.6436

201.3487,
232.4671, 294.5775

7.1552, 9.9022,
16.3338

244.6765,
280.8688, 352.7041

3.6065, 5.3341,
9.6038

293.8128,

1.4820, 2.4446,

335.5616, 418.0144

5.0349

349.1229,
396.9302, 490.9268

■ 0.3136, 0.8487,
2.2086

■ 0.0000, 0.0000,
0.6794

■ 59.0483, 71.3737,
97.0505

■ 59.0483, 71.3737,
97.0505

■ 53.7807, 67.1798,
96.5199

■ 65.2969, 76.1071,
97.6360

■ 49.4296, 63.4870,
96.0364

■ 72.5730, 81.3992,
98.2740

■ 45.9331, 60.2648,
95.5987

■ 80.9282, 87.2784,
98.9684

■ 43.2184, 57.4755,
95.2034

■ 90.4083, 93.7684,
99.7215

■ 41.2005, 55.0752,
94.8465

■ 91.8744, 96.1582,
100.1055

■ 39.7735, 53.0090,
94.5229

■ 92.9962, 98.4018,
100.4794

■ 39.3364, 52.3022,
94.4095

■ 93.4817, 99.3727,
100.6412

Harmonies

Analogous

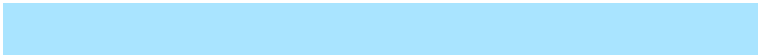
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.3361, 71.3737, 80.0858



59.0483, 71.3737, 97.0505



63.1145, 71.3737, 110.0868

Triad

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



59.0483, 71.3737, 97.0505



78.3598, 71.3737, 92.4097



67.0219, 71.3737, 50.0693

Complementary

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



59.0483, 71.3737, 97.0505



57.8459, 50.1895, 38.0929

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.



72.7926, 71.3737, 52.4049



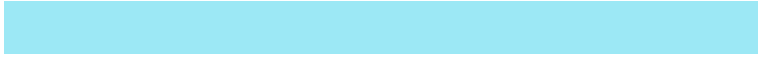
59.0483, 71.3737, 97.0505



79.5511, 71.3737, 75.3891

Square

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



59.0483, 71.3737, 97.0505



74.2913, 71.3737, 107.1513



77.4606, 71.3737, 61.1330



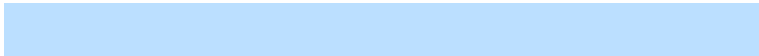
61.7707, 71.3737, 54.2315

Rectangle

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



59.0483, 71.3737, 97.0505



66.7253, 71.3737, 113.9252



77.4606, 71.3737, 61.1330



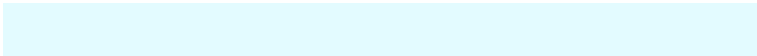
68.9641, 71.3737, 50.1253

Sweetspot

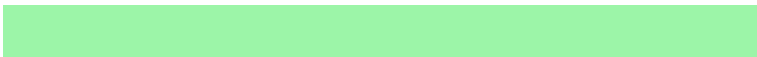
The Sweet Spot groups the original color and five complimentary colors.



59.0505, 71.3765, 97.0522



84.1798, 92.4769, 108.0208



53.4197, 75.1963, 48.6812



17.7532, 19.6074, 23.0989



0.0000, 0.0000, 0.0000



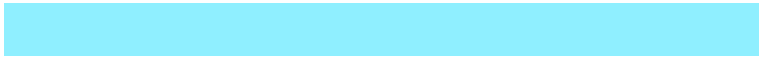
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0505, 71.3765, 97.0522



60.0968, 74.5491, 105.8297



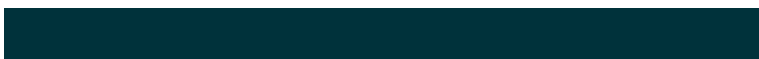
48.3121, 49.8998, 93.4727



16.7784, 18.3211, 21.1946



21.2709, 28.3356, 50.8862



1.9246, 2.6006, 4.4908

Inverse Universe

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



64.1119, 49.0174, 82.4292



66.5555, 47.0541, 86.9373



67.2936, 69.0848, 41.2421



17.1035, 16.7242, 20.2915



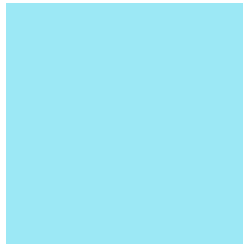
26.5411, 12.9599, 33.8873



2.3605, 1.1502, 3.1248

Previews

White Background



This preview shows how the XYZ color 59.0483, 71.3737, 97.0505 looks on a white background.

Color Contrast Check

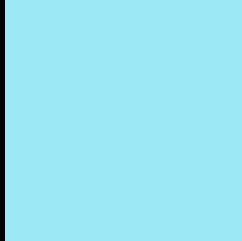
Large Text (above 18pt) WCAG AA × Fail

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 59.0483, 71.3737, 97.0505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

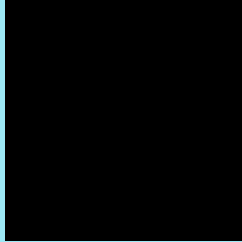
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0483, 71.3737, 97.0505

Background



This preview shows how black text looks on a background with the XYZ color 59.0483, 71.3737, 97.0505.

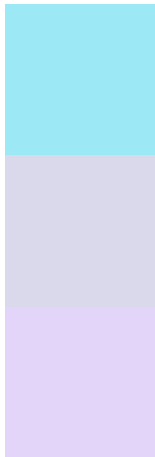


This preview shows how white text looks on a background with the XYZ color 59.0483, 71.3737,

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

59.0483, 71.3737, 97.0505

Protanopia

68.8666, 70.5873, 89.3519

Deuteranopia

72.2572, 70.5968, 99.4407



Tritanopia

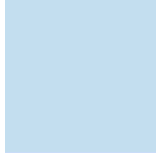
59.7359, 71.2221, 101.0413

Trichromacy



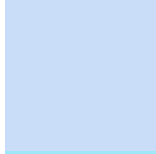
Original Color

59.0483, 71.3737, 97.0505



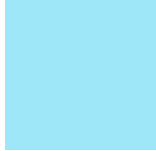
Protanomaly

64.2069, 70.0766, 91.8034



Deuteranomaly

66.6239, 70.3812, 98.8804



Tritanomaly

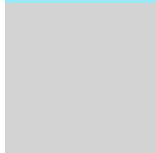
59.4238, 71.0972, 99.3981

Monochromacy



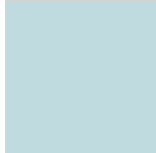
Original Color

59.0483, 71.3737, 97.0505



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

60.1367, 67.0671, 79.5877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0483, 71.3737, 97.0505 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(156, 232, 245)` looks like.

```
.text, #text, p{  
    color:rgb(156, 232, 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(156, 232, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 232, 245) }
```

Border

The CSS property to change the border of an element to XYZ 59.0483, 71.3737, 97.0505 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(156, 232, 245) }
```


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

```
.border{ border-color:rgb(156, 232, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 232, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 232, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 232, 245);  
box-shadow:4px 4px 4px 4px rgb(156, 232,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0483, 71.3737, 97.0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 232, 245) }
```

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

```
.background{ background-color: rgb(156,  
232, 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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