

Converting Colors

XYZ(59.0693, 70.6199, 93.7276)

Have a look what the booklet for
XYZ(59.0693, 70.6199, 93.7276)
contains.

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Color

**XYZ(59.0743, 70.6259,
93.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E6F1
RGB	162, 230, 241
RGB Percent	64%, 90%, 95%
CMY	0.3647, 0.0980, 0.0549
CMYK	0.33, 0.05, 0.00, 0.05
HSL	188°, 74%, 79%
HSV	188°, 33%, 95%
XYZ	59.0743, 70.6259, 93.7377
YIQ	210.9220, -44.0590, -10.9950

Conversions

Conversions Part 2

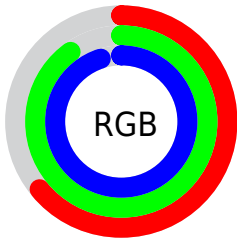
Format	Color
R _Y B	162, 199, 241
Decimal	10675953
CIE Lab	87.30, -18.57, -12.15
CIE LCh	87, 22.193, 213.199
Yxy	70.6259, 0.2644, 0.3161
Android (android.graphics.Color)	4288866033 (0xFFA2E6F1)
YUV	210.9220, 14.8285, -42.9046
Hunter-Lab	84.0392, -21.5943, -7.3049

Details

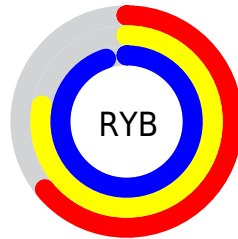
The XYZ color **59.0743, 70.6259, 93.7377** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.7418, 51.1973, 41.0228**, and the grayscale version is **61.7932, 65.0112, 70.7972**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **29.9564, 36.9007, 51.4426** is the 20% darker color. If you saturate the color by 10%, you get **53.7159, 66.4925, 93.2235**, and if you desaturate by 10%, it is **65.3930, 75.2845, 94.3051**.

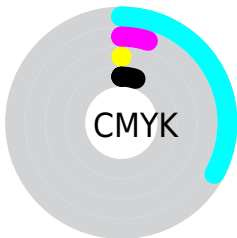
Distribution



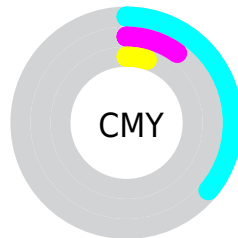
- Red (64%)
- Green (90%)
- Blue (95%)



- Red (64%)
- Yellow (78%)
- Blue (95%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (36%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0743, 70.6259, 93.7377 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 59.0743, 70.6259, 93.7377 by changing the saturation by 10% instead.

■ 59.0743, 70.6259,
93.7377

■ 59.0743, 70.6259,
93.7377

411.0668,
462.7446, 560.9967

■ 42.9195, 52.0370,
70.4937

■ 102.5997,
120.1009, 154.5001

■ 30.0162, 37.0345,
51.4499

■ 130.7010,
151.7557, 192.8556

■ 19.9990, 25.2342,
36.1875

163.5151,
188.5347, 237.0853

■ 12.5026, 16.2517,
24.2882

201.4076,
230.8221, 287.6078

■ 7.1616, 9.7024,
15.3334

244.7436,
279.0024, 344.8417

■ 3.6106, 5.2021,
8.9045

293.8886,

■ 1.4843, 2.3663,

333.4600, 409.2054

4.5830

349.2079,
394.5793, 481.1176

■ 0.3151, 0.8085,
1.9503

■ 0.0000, 0.0000,
0.5245

■ 59.0743, 70.6259,
93.7377

■ 59.0743, 70.6259,
93.7377

■ 53.7159, 66.4925,
93.2235

■ 65.3930, 75.2845,
94.3051

■ 49.2576, 62.8479,
92.7550

■ 72.7153, 80.4855,
94.9230

■ 45.6423, 59.6643,
92.3310

■ 81.0895, 86.2558,
95.5954

■ 42.8034, 56.9072,
91.9485

■ 89.2951, 91.9663,
96.2652

■ 40.6640, 54.5367,
91.6037

■ 90.3107, 93.9975,
96.6037

■ 39.1314, 52.5051,
91.2923

■ 91.3447, 96.0656,
96.9484

■ 38.2998, 51.1958,
91.0835

■ 92.3973, 98.1707,
97.2993

■ 92.8774, 99.1310,
97.4593

Harmonies

Analogous

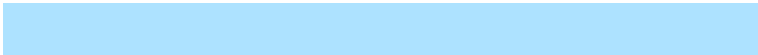
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.5966, 70.6259, 78.5149



59.0743, 70.6259, 93.7377



62.7030, 70.6259, 105.5170

Triad

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



59.0743, 70.6259, 93.7377



76.4913, 70.6259, 90.6028



66.5692, 70.6259, 51.6211

Complementary

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



59.0743, 70.6259, 93.7377



57.7418, 51.1973, 41.0228

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.



71.7560, 70.6259, 53.9894



59.0743, 70.6259, 93.7377



77.6564, 70.6259, 75.3066

Square

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



59.0743, 70.6259, 93.7377



72.7750, 70.6259, 103.5486



75.8819, 70.6259, 62.2092



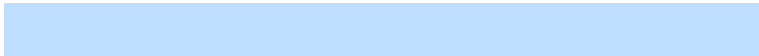
61.7805, 70.6259, 55.2665

Rectangle

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



59.0743, 70.6259, 93.7377



65.9462, 70.6259, 109.1206



75.8819, 70.6259, 62.2092



68.3235, 70.6259, 51.7419

Sweetspot

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



59.0764, 70.6287, 93.7393



85.1609, 93.2363, 108.1157



53.8548, 73.5925, 50.6668



17.9516, 19.7644, 23.1187



0.0000, 0.0000, 0.0000



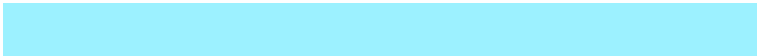
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0764, 70.6287, 93.7393



63.1747, 77.2459, 106.1880



49.4026, 51.2810, 90.5147



16.0488, 17.5318, 20.2597



20.8437, 27.9117, 49.4168



1.7851, 2.4242, 4.1281

Inverse Universe

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



63.4806, 50.2564, 81.2207



68.9535, 51.2464, 89.5983



66.3504, 68.4146, 43.8924



16.3541, 15.9913, 19.4209



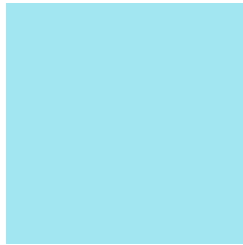
25.8466, 12.6111, 33.4382



2.1760, 1.0594, 2.9176

Previews

White Background



This preview shows how the XYZ color 59.0743, 70.6259, 93.7377 looks on a white background.

Color Contrast Check

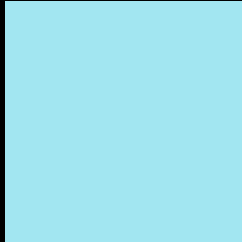
Large Text (above 18pt) WCAG AA × Fail

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 59.0743, 70.6259, 93.7377 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 59.0743, 70.6259, 93.7377

Background



This preview shows how black text looks on a background with the XYZ color 59.0743, 70.6259, 93.7377.

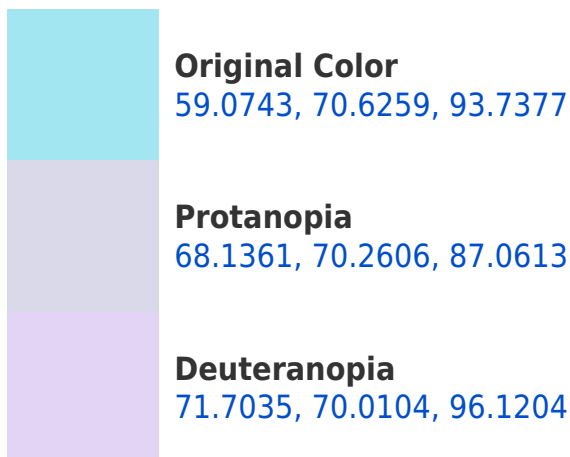


This preview shows how white text looks on a background with the XYZ color 59.0743, 70.6259,

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

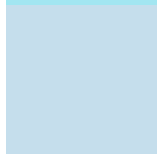
60.1177, 70.6465, 98.4633

Trichromacy



Original Color

59.0743, 70.6259, 93.7377



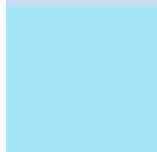
Protanomaly

64.2876, 70.1690, 89.5125



Deuteranomaly

66.2893, 69.8912, 95.5845



Tritanomaly

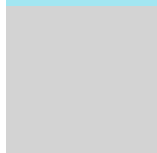
59.6050, 70.4177, 96.8367

Monochromacy



Original Color

59.0743, 70.6259, 93.7377



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

60.2485, 66.7542, 78.8167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0743, 70.6259, 93.7377 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(162, 230, 241)` looks like.

```
.text, #text, p{  
    color:rgb(162, 230, 241)  
}
```

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(162, 230, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 230, 241) }
```

Border

The CSS property to change the border of an element to XYZ 59.0743, 70.6259, 93.7377 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(162, 230, 241) }
```


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

```
.border{ border-color:rgb(162, 230, 241) }
```

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

Here you see how a box with a 4 pixel rgb(162, 230, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 230, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 230, 241);  
box-shadow:4px 4px 4px 4px rgb(162, 230,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0743, 70.6259, 93.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 230, 241) }
```

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

```
.background{ background-color: rgb(162,  
230, 241) }
```

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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