

Converting Colors

XYZ(60.3096, 76.1983,
103.6259)

Have a look what the booklet for
XYZ(60.3096, 76.1983, 103.6259)
contains.

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Color

**XYZ(60.3073, 76.1953,
103.6241)**

Conversions

Conversions Part 1

Format	Color
Hex	8DF2FC
RGB	141, 242, 252
RGB Percent	55%, 95%, 99%
CMY	0.4470, 0.0510, 0.0118
CMYK	0.44, 0.04, 0.00, 0.01
HSL	185°, 95%, 77%
HSV	185°, 44%, 99%
XYZ	60.3073, 76.1953, 103.6241
YIQ	212.9410, -63.4060, -18.3020

Conversions

Conversions Part 2

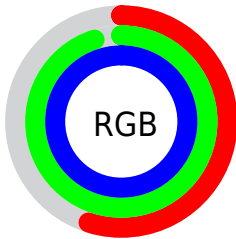
Format	Color
RYB	141, 194, 252
Decimal	9302780
CIELab	89.95, -27.03, -14.05
CIElCh	90, 30.467, 207.471
Yxy	76.1953, 0.2511, 0.3173
Android (android.graphics.Color)	4287492860 (0xFF8DF2FC)
YUV	212.9410, 19.2561, -63.0923
Hunter-Lab	87.2899, -29.4344, -9.2817

Details

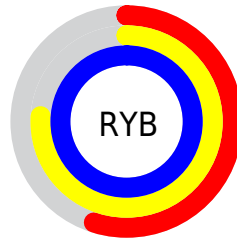
The XYZ color **60.3073, 76.1953, 103.6241** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.0205, 44.7528, 30.8866**, and the grayscale version is **63.1141, 66.4010, 72.3106**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **30.8026, 40.8073, 57.8829** is the 20% darker color. If you saturate the color by 10%, you get **55.8294, 72.8919, 103.2238**, and if you desaturate by 10%, it is **65.7730, 80.0239, 104.0764**.

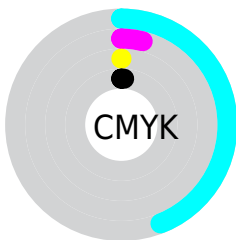
Distribution



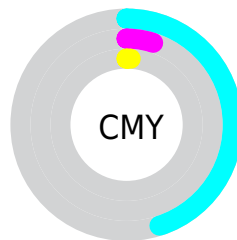
- Red (55%)
- Green (95%)
- Blue (99%)



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



- Cyan (44%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (45%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3073, 76.1953, 103.6241 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 60.3073, 76.1953, 103.6241 by changing the saturation by 10% instead.

60.3073, 76.1953,
103.6241

60.3073, 76.1953,
103.6241

415.5462,
482.0160, 593.0961

43.9168, 56.5927,
78.6969

104.3791,
128.0029, 168.2238

30.8027, 40.6783,
58.1268

132.7911,
160.9767, 208.7335

20.5998, 28.0678,
41.4952

165.9410,
199.1764, 255.2743

12.9425, 18.3768,
28.3836

204.1942,
242.9862, 308.2650

7.4657, 11.2208,
18.3735

247.9159,
292.7907, 368.1239

3.8039, 6.2156,
11.0463

297.4716,

1.5918, 2.9766,

348.9743, 435.2697

5.9834

353.2265,
411.9212, 510.1209

0.3871, 1.1195,
2.7664

0.0000, 0.0000,
0.9766

60.3073, 76.1953,
103.6241

60.3073, 76.1953,
103.6241

55.8294, 72.8919,
103.2238

65.7730, 80.0239,
104.0764

52.2653, 70.0703,
102.8670

72.2802, 84.4001,
104.5781

49.5419, 67.6944,
102.5520

79.8870, 89.3557,
105.1337

47.5717, 65.7190,
102.2746

88.6453, 94.9175,
105.7456

■ 46.2476, 64.0891,
102.0297

■ 94.0478, 98.7620,
106.2029

■ 45.6745, 63.2354,
101.8952

■ 94.5709, 99.8084,
106.3773

Harmonies

Analogous

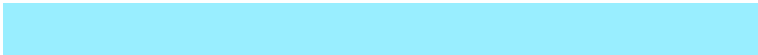
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.8845, 76.1953, 81.1455



60.3073, 76.1953, 103.6241



64.9035, 76.1953, 123.1152

Triad

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



60.3073, 76.1953, 103.6241



85.3423, 76.1953, 107.3473



73.0628, 76.1953, 48.0189

Complementary

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



60.3073, 76.1953, 103.6241



56.0205, 44.7528, 30.8866

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.



80.4984, 76.1953, 52.6555



60.3073, 76.1953, 103.6241



87.8884, 76.1953, 84.8089

Square

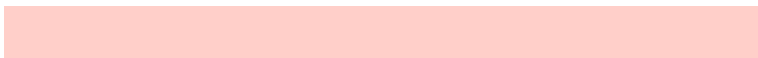
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.3073, 76.1953, 103.6241



79.3156, 76.1953, 125.5136



86.0578, 76.1953, 65.2500



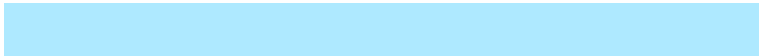
65.9386, 76.1953, 51.3143

Rectangle

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



60.3073, 76.1953, 103.6241



69.3223, 76.1953, 130.4424



86.0578, 76.1953, 65.2500



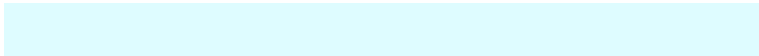
75.6114, 76.1953, 48.6804

Sweetspot

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



60.3096, 76.1983, 103.6259



82.9431, 92.3556, 108.0626



51.3217, 77.4952, 41.2148



17.3567, 19.5129, 23.1015



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

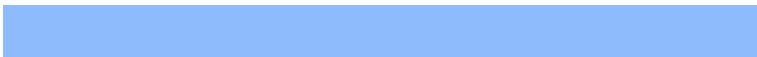
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.3096, 76.1983, 103.6259



57.7738, 75.2001, 106.0778



46.3803, 48.3397, 98.9828



17.6243, 19.3254, 22.1866



23.8490, 33.0536, 53.0966



2.2468, 3.1373, 4.9303

Inverse Universe

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



65.6987, 46.1579, 89.4544



64.0900, 41.1175, 89.2158



66.9654, 66.6427, 34.5350



17.9217, 17.4960, 21.4432



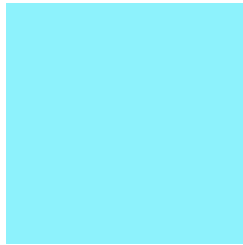
28.3299, 13.7477, 40.0412



2.6430, 1.2809, 3.8094

Previews

White Background



This preview shows how the XYZ color 60.3073, 76.1953, 103.6241 looks on a white background.

Color Contrast Check

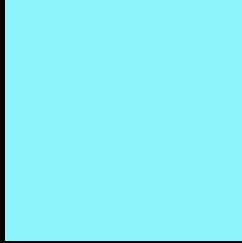
Large Text (above 18pt) WCAG AA × Fail

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 60.3073, 76.1953, 103.6241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

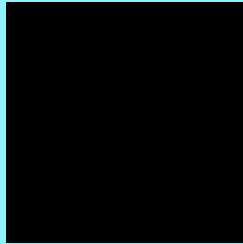
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3073, 76.1953, 103.6241

Background



This preview shows how black text looks on a background with the XYZ color 60.3073, 76.1953, 103.6241.

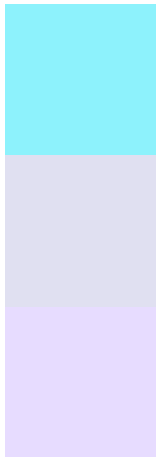


This preview shows how white text looks on a background with the XYZ color 60.3073, 76.1953,

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

60.3073, 76.1953, 103.6241

Protanopia

73.2733, 75.5095, 93.9320

Deuteranopia

76.5982, 75.3953, 105.1233



Tritanopia

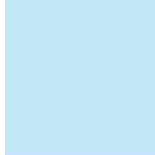
63.1217, 75.8427, 105.9200

Trichromacy



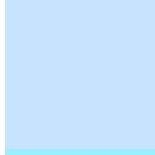
Original Color

60.3073, 76.1953, 103.6241



Protanomaly

67.3055, 75.2137, 97.3565



Deuteranomaly

68.9215, 74.6483, 104.5419



Tritanomaly

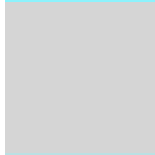
61.8928, 75.6611, 105.1079

Monochromacy



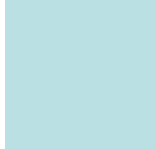
Original Color

60.3073, 76.1953, 103.6241



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

61.0143, 69.4222, 82.8571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3073, 76.1953, 103.6241 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, 242, 252)` looks like.

```
.text, #text, p{  
    color:rgb(141, 242, 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, 242, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 242, 252) }
```

Border

The CSS property to change the border of an element to XYZ 60.3073, 76.1953, 103.6241 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, 242, 252) }
```


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

```
.border{ border-color:rgb(141, 242, 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, 242, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 242, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 242, 252); box-shadow:4px 4px 4px 4px rgb(141, 242, 252) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3073, 76.1953, 103.6241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 242, 252) }
```

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

```
.background{ background-color: rgb(141,  
242, 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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