

Converting Colors

XYZ(56.0699, 74.9176,
102.7721)

Have a look what the booklet for
XYZ(56.0699, 74.9176, 102.7721)
contains.

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Color

**XYZ(56.0699, 74.9176,
102.7721)**

Conversions

Conversions Part 1

Format	Color
Hex	6DF4FB
RGB	109, 244, 251
RGB Percent	43%, 96%, 98%
CMY	0.5725, 0.0431, 0.0157
CMYK	0.57, 0.03, 0.00, 0.02
HSL	183°, 95%, 71%
HSV	183°, 57%, 98%
XYZ	56.0699, 74.9176, 102.7721
YIQ	204.4330, -82.7070, -26.4430

Conversions

Conversions Part 2

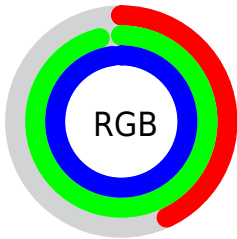
Format	Color
RYB	109, 178, 251
Decimal	7206139
CIELab	89.35, -34.77, -14.54
CIELCh	89, 37.691, 202.693
Yxy	74.9176, 0.2399, 0.3205
Android (android.graphics.Color)	4285396219 (0xFF6DF4FB)
YUV	204.4330, 22.9575, -83.6947
Hunter-Lab	86.5550, -35.8397, -9.8103

Details

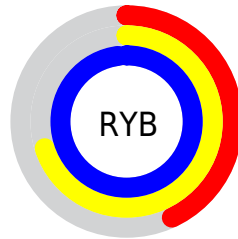
The XYZ color **56.0699, 74.9176, 102.7721** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **48.7908, 34.1056, 18.4814**, and the grayscale version is **57.5673, 60.5653, 65.9556**.

A 20% lighter version of the original color is **70.8233, 87.5107, 107.7662**, and **28.0995, 39.7277, 57.8170** is the 20% darker color. If you saturate the color by 10%, you get **53.0415, 72.8074, 102.5257**, and if you desaturate by 10%, it is **59.9867, 77.4929, 103.0641**.

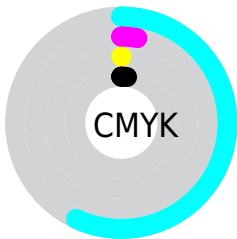
Distribution



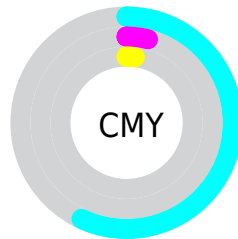
- Red (43%)
- Green (96%)
- Blue (98%)



- Red (43%)
- Yellow (70%)
- Blue (98%)



- Cyan (57%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (57%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0699, 74.9176, 102.7721 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 56.0699, 74.9176, 102.7721 by changing the saturation by 10% instead.

56.0699, 74.9176,
102.7721

56.0699, 74.9176,
102.7721

400.0256,
477.6343, 590.3666

40.4962, 55.5454,
77.9879

98.2460, 126.1957,
167.0465

28.1116, 39.8385,
57.5477

125.5791,
158.8704, 207.3738

18.5507, 27.4127,
41.0328

157.5627,
196.7480, 253.7192

11.4481, 17.8834,
28.0248

194.5621,
240.2130, 306.5012

6.4386, 10.8663,
18.1052

236.9428,
289.6498, 366.1384

3.1567, 5.9770,
10.8553

285.0700,

1.2372, 2.8311,

345.4426, 433.0494

5.8567

339.3092,
407.9760, 507.6526

■ 0.1354, 1.0442,
2.6907

■ 0.0000, 0.0000,
0.9388

■ 56.0699, 74.9176,
102.7721

■ 56.0699, 74.9176,
102.7721

■ 53.0415, 72.8074,
102.5257

■ 59.9867, 77.4929,
103.0641

■ 50.8174, 71.1138,
102.3161

■ 64.8533, 80.5598,
103.3996

■ 49.3093, 69.7930,
102.1406

■ 70.7334, 84.1530,
103.7832

■ 48.4034, 68.7864,
101.9941

■ 77.6835, 88.3015,
104.2176

■ 48.1717, 68.4828,
101.9477

■ 85.7557, 93.0322,
104.7053

■ 93.2832, 97.4858,
105.1682

■ 93.6717, 98.2629,
105.2977

■ 94.0628, 99.0451,
105.4281

■ 94.4128, 99.7451,
105.5447

Harmonies

Analogous

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



55.0288, 74.9176, 75.2831



56.0699, 74.9176, 102.7721



60.9924, 74.9176, 128.9936

Triad

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



56.0699, 74.9176, 102.7721



86.2609, 74.9176, 116.3811



73.4859, 74.9176, 40.8617

Complementary

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



56.0699, 74.9176, 102.7721



48.7908, 34.1056, 18.4814

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.



82.5026, 74.9176, 47.4830



56.0699, 74.9176, 102.7721



90.2806, 74.9176, 88.2029

Square

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



56.0699, 74.9176, 102.7721



78.2684, 74.9176, 137.9598



88.8491, 74.9176, 63.5092



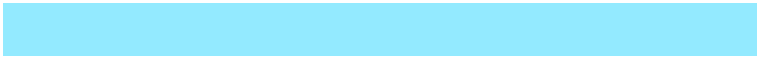
64.5835, 74.9176, 43.1213

Rectangle

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



56.0699, 74.9176, 102.7721



66.0615, 74.9176, 140.2892



88.8491, 74.9176, 63.5092



76.6129, 74.9176, 42.0633

Sweetspot

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



56.0722, 74.9204, 102.7739



80.1828, 91.3296, 108.0100



43.8276, 73.4560, 27.7105



16.8349, 19.3542, 23.0984



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

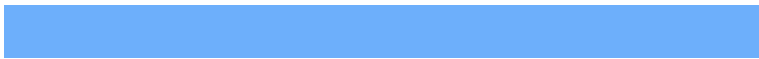
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.0722, 74.9204, 102.7739



54.5892, 75.1844, 106.2426



39.1031, 40.9823, 97.1175



17.6882, 19.4533, 22.2079



25.3533, 36.0621, 53.5980



2.3701, 3.3838, 4.9714

Inverse Universe

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



61.5833, 37.9801, 89.6761



60.9316, 33.9162, 90.8901



59.8390, 56.2019, 22.1641



17.9539, 17.5089, 21.6131



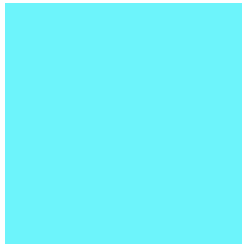
29.0892, 14.0514, 44.0395



2.7052, 1.3058, 4.1370

Previews

White Background



This preview shows how the XYZ color 56.0699, 74.9176, 102.7721 looks on a white background.

Color Contrast Check

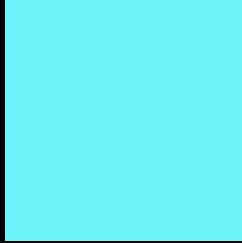
Large Text (above 18pt) WCAG AA × Fail

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 56.0699, 74.9176, 102.7721 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 56.0699, 74.9176, 102.7721

Background



This preview shows how black text looks on a background with the XYZ color 56.0699, 74.9176, 102.7721.

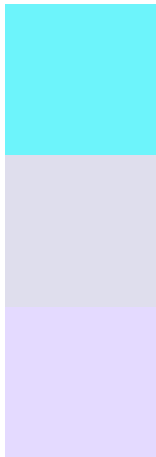


This preview shows how white text looks on a background with the XYZ color 56.0699, 74.9176,

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

56.0699, 74.9176, 102.7721

Protanopia

71.8388, 74.0450, 90.6266

Deuteranopia

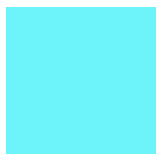
75.1163, 73.8568, 104.9045



Tritanopia

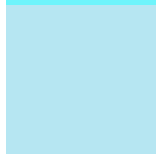
60.2442, 74.7926, 105.8690

Trichromacy



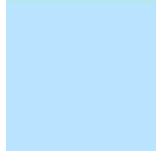
Original Color

56.0699, 74.9176, 102.7721



Protanomaly

63.6152, 72.9495, 94.7322



Deuteranomaly

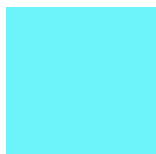
65.3661, 72.4082, 104.2970



Tritanomaly

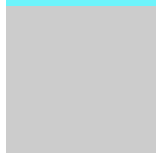
58.7048, 74.8916, 105.1274

Monochromacy



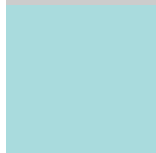
Original Color

56.0699, 74.9176, 102.7721



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.7448, 64.3185, 77.9360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0699, 74.9176, 102.7721 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(109, 244, 251)` looks like.

```
.text, #text, p{  
    color:rgb(109, 244, 251)  
}
```

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(109, 244, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 244, 251) }
```

Border

The CSS property to change the border of an element to XYZ 56.0699, 74.9176, 102.7721 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(109, 244, 251) }
```


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

```
.border{ border-color:rgb(109, 244, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 244, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 244, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 244, 251);  
box-shadow:4px 4px 4px 4px rgb(109, 244,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0699, 74.9176, 102.7721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 244, 251) }
```

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

```
.background{ background-color: rgb(109,  
244, 251) }
```

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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