

Converting Colors

XYZ(62.1586, 74.3363,
135.6985)

Have a look what the booklet for
XYZ(62.1586, 74.3363, 135.6985)
contains.

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Color

**XYZ(56.3602, 71.9259,
105.5203)**

Conversions

Conversions Part 1

Format	Color
Hex	7AEDFF
RGB	122, 237, 255
RGB Percent	48%, 93%, 100%
CMY	0.5215, 0.0706, 0.0000
CMYK	0.52, 0.07, 0.00, 0.00
HSL	188°, 100%, 74%
HSV	188°, 52%, 100%
XYZ	56.3602, 71.9259, 105.5203
YIQ	204.6670, -74.3180, -18.7820

Conversions

Conversions Part 2

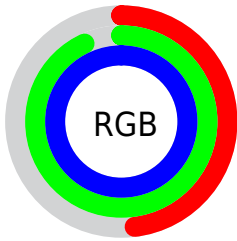
Format	Color
R_{YB}	122, 184, 255
Decimal	8056319
CIE _{Lab}	87.93, -27.92, -18.72
CIE _{LCh}	88, 33.620, 213.845
Yxy	71.9259, 0.2411, 0.3076
Android (android.graphics.Color)	4286246399 (0xFF7AEDFF)
YUV	204.6670, 24.8142, -72.4990
Hunter-Lab	84.8091, -29.7932, -14.4028

Details

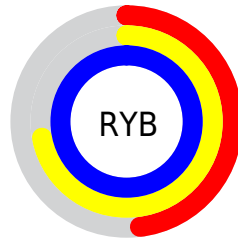
The XYZ color **56.3602, 71.9259, 105.5203** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.1317, 41.4222, 23.5566**, and the grayscale version is **57.7001, 60.7050, 66.1077**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **28.2925, 37.9372, 59.2575** is the 20% darker color. If you saturate the color by 10%, you get **52.2231, 68.3258, 105.0435**, and if you desaturate by 10%, it is **61.4676, 76.0579, 106.0487**.

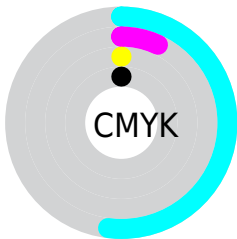
Distribution



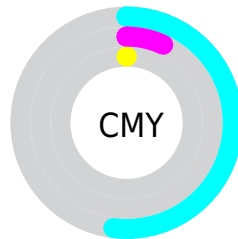
- Red (48%)
- Green (93%)
- Blue (100%)



- Red (48%)
- Yellow (72%)
- Blue (100%)



- Cyan (52%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3602, 71.9259, 105.5203 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 56.3602, 71.9259, 105.5203 by changing the saturation by 10% instead.

56.3602, 71.9259,
105.5203

56.3602, 71.9259,
105.5203

401.1006,
467.2836, 599.1472

40.7299, 53.0981,
80.2762

98.6678, 121.9512,
170.8407

28.2949, 37.8811,
59.4182

126.0758,
153.9175, 211.7541

18.6896, 25.8904,
42.5276

158.1405,
191.0321, 258.7276

11.5489, 16.7417,
29.1860

195.2271,
233.6794, 312.1799

6.5073, 10.0505,
18.9748

237.7011,
282.2438, 372.5295

3.1995, 5.4325,
11.4754

285.9277,

1.2601, 2.5032,

337.1098, 440.1948

6.2694

340.2725,
398.6616, 515.5946

■ 0.1531, 0.8782,
2.9381

■ 0.0000, 0.0000,
1.0631

■ 56.3602, 71.9259,
105.5203

■ 56.3602, 71.9259,
105.5203

■ 52.2231, 68.3258,
105.0435

■ 61.4676, 76.0579,
106.0487

■ 48.9743, 65.2105,
104.6134

■ 67.6070, 80.7491,
106.6306

■ 46.5286, 62.5374,
104.2264

■ 74.8420, 86.0338,
107.2693

■ 44.7801, 60.2518,
103.8773

■ 83.2290, 91.9415,
107.9676

■ 43.7731, 58.6662,
103.6244

■ 92.8210, 98.4995,
108.7279

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



54.1277, 71.9259, 81.3083



56.3602, 71.9259, 105.5203



61.8007, 71.9259, 124.9193

Triad

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



56.3602, 71.9259, 105.5203



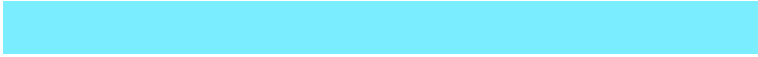
83.1305, 71.9259, 99.3971



67.3365, 71.9259, 42.0533

Complementary

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



56.3602, 71.9259, 105.5203



54.1317, 41.4222, 23.5566

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.



75.3750, 71.9259, 45.0376



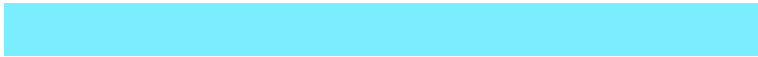
56.3602, 71.9259, 105.5203



84.8990, 71.9259, 75.3962

Square

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



56.3602, 71.9259, 105.5203



77.2990, 71.9259, 120.9273



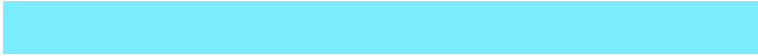
81.9602, 71.9259, 56.2406



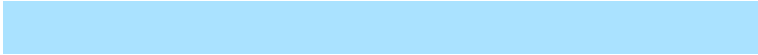
60.1444, 71.9259, 47.1128

Rectangle

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



56.3602, 71.9259, 105.5203



66.7264, 71.9259, 130.8250



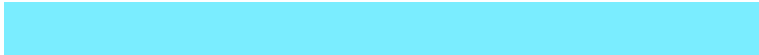
81.9602, 71.9259, 56.2406



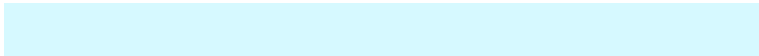
70.0270, 71.9259, 42.1557

Sweetspot

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



56.3622, 71.9285, 105.5207



79.8639, 89.5942, 107.6919



48.5013, 77.5438, 37.1212



16.7241, 18.9162, 23.0197



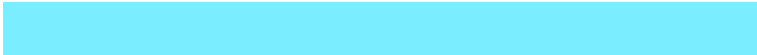
0.0000, 0.0000, 0.0000



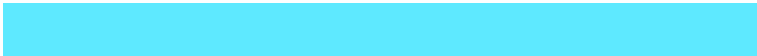
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3622, 71.9285, 105.5207



51.9150, 68.0441, 105.0054



40.5966, 40.3973, 100.2655



18.3329, 20.0374, 23.1513



22.9536, 30.8168, 54.1730



2.2904, 3.1115, 5.2931

Inverse Universe

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



63.4869, 41.2953, 84.7482



60.0192, 35.2259, 80.9226



66.8813, 66.9215, 27.8065



18.6807, 18.2556, 22.2016



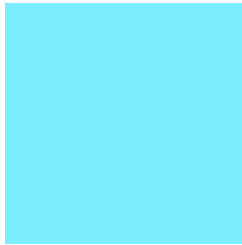
28.3741, 13.8389, 36.9501



2.7907, 1.3586, 3.7451

Previews

White Background



This preview shows how the XYZ color 56.3602, 71.9259, 105.5203 looks on a white background.

Color Contrast Check

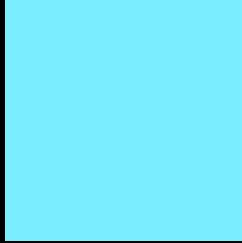
Large Text (above 18pt) WCAG AA × Fail

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 56.3602, 71.9259, 105.5203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

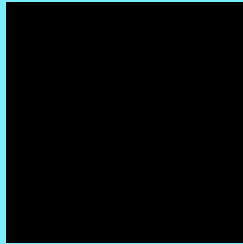
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3602, 71.9259, 105.5203

Background



This preview shows how black text looks on a background with the XYZ color 56.3602, 71.9259, 105.5203.

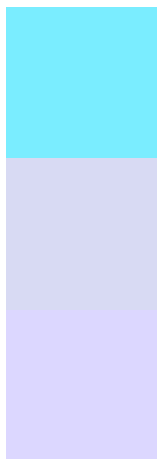


This preview shows how white text looks on a background with the XYZ color 56.3602, 71.9259,

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

56.3602, 71.9259, 105.5203

Protanopia

69.5680, 71.2128, 94.8728

Deuteranopia

71.8656, 71.0365, 104.5314



Tritanopia

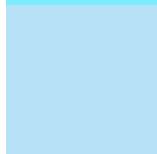
56.7978, 71.7229, 105.4581

Trichromacy



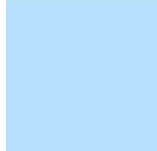
Original Color

56.3602, 71.9259, 105.5203



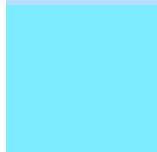
Protanomaly

63.0051, 70.5109, 98.2849



Deuteranomaly

64.2048, 70.1857, 104.7710



Tritanomaly

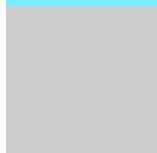
56.5029, 71.5709, 105.4443

Monochromacy



Original Color

56.3602, 71.9259, 105.5203



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.8113, 64.0674, 79.2367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3602, 71.9259, 105.5203 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(122, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.3602, 71.9259, 105.5203 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(122, 237, 255) }
```


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

```
.border{ border-color:rgb(122, 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(122, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 237,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3602, 71.9259, 105.5203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 237, 255) }
```

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

```
.background{ background-color: rgb(122,  
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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