

Converting Colors

XYZ(59.2113, 73.0714,
121.1188)

Have a look what the booklet for
XYZ(59.2113, 73.0714, 121.1188)
contains.

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Color

**XYZ(56.2193, 71.8533,
105.5137)**

Conversions

Conversions Part 1

Format	Color
Hex	79EDFF
RGB	121, 237, 255
RGB Percent	47%, 93%, 100%
CMY	0.5255, 0.0706, 0.0000
CMYK	0.53, 0.07, 0.00, 0.00
HSL	188°, 100%, 74%
HSV	188°, 53%, 100%
XYZ	56.2193, 71.8533, 105.5137
YIQ	204.3680, -74.9140, -18.9940

Conversions

Conversions Part 2

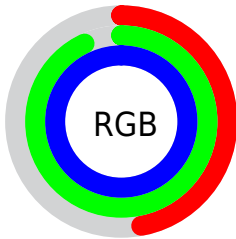
Format	Color
RYB	121, 183, 255
Decimal	7990783
CIELab	87.90, -28.12, -18.78
CIELCh	88, 33.818, 213.736
Yxy	71.8533, 0.2407, 0.3076
Android (android.graphics.Color)	4286180863 (0xFF79EDFF)
YUV	204.3680, 24.9616, -73.1137
Hunter-Lab	84.7663, -29.9551, -14.4654

Details

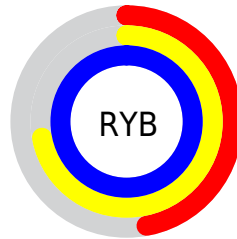
The XYZ color **56.2193, 71.8533, 105.5137** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.9245, 41.1065, 23.1833**, and the grayscale version is **57.5101, 60.5051, 65.8901**.

A 20% lighter version of the original color is **73.1014, 88.6851, 107.8728**, and **28.1851, 37.8818, 59.2525** is the 20% darker color. If you saturate the color by 10%, you get **52.1251, 68.2862, 105.0410**, and if you desaturate by 10%, it is **61.2806, 75.9503, 106.0378**.

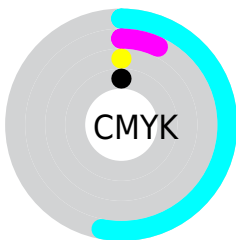
Distribution



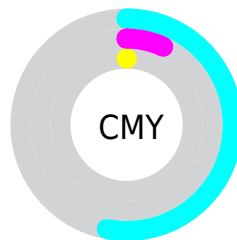
- Red (47%)
- Green (93%)
- Blue (100%)



- Red (47%)
- Yellow (72%)
- Blue (100%)



- Cyan (53%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2193, 71.8533, 105.5137 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 56.2193, 71.8533, 105.5137 by changing the saturation by 10% instead.

56.2193, 71.8533,
105.5137

56.2193, 71.8533,
105.5137

400.5791,
467.0308, 599.1262

40.6165, 53.0388,
80.2707

98.4631, 121.8479,
170.8316

28.2059, 37.8338,
59.4137

125.8348,
153.7969, 211.7436

18.6221, 25.8537,
42.5240

157.8601,
190.8929, 258.7156

11.5000, 16.7142,
29.1832

194.9044,
233.5202, 312.1663

6.4739, 10.0310,
18.9727

237.3332,
282.0632, 372.5142

3.1787, 5.4195,
11.4739

285.5116,

1.2490, 2.4954,

336.9064, 440.1777

6.2684

339.8051,
398.4342, 515.5756

■ 0.1445, 0.8743,
2.9375

■ 0.0000, 0.0000,
1.0628

■ 56.2193, 71.8533,
105.5137

■ 56.2193, 71.8533,
105.5137

■ 52.1251, 68.2862,
105.0410

■ 61.2806, 75.9503,
106.0378

■ 48.9160, 65.2018,
104.6148

■ 67.3712, 80.6045,
106.6151

■ 46.5057, 62.5570,
104.2313

■ 74.5546, 85.8506,
107.2491

■ 44.7878, 60.2967,
103.8856

■ 82.8878, 91.7179,
107.9424

■ 43.8410, 58.8020,
103.6470

■ 92.4235, 98.2339,
108.6975

95.0500, 100.0000,
108.9000

Harmonies

Analogous

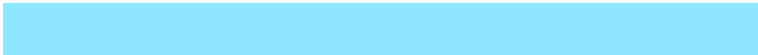
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.9900, 71.8533, 81.1586



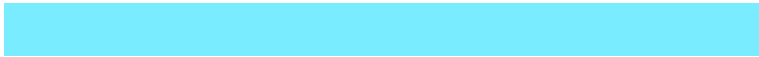
56.2193, 71.8533, 105.5137



61.6743, 71.8533, 125.0771

Triad

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



56.2193, 71.8533, 105.5137



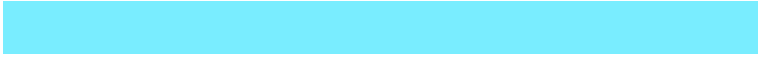
83.1293, 71.8533, 99.5269



67.2913, 71.8533, 41.8275

Complementary

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



56.2193, 71.8533, 105.5137



53.9245, 41.1065, 23.1833

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.



75.3720, 71.8533, 44.8486



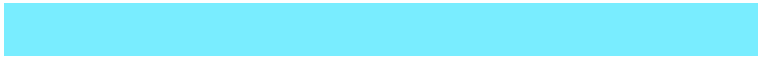
56.2193, 71.8533, 105.5137



84.9255, 71.8533, 75.3845

Square

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



56.2193, 71.8533, 105.5137



77.2520, 71.8533, 121.1713



81.9854, 71.8533, 56.1182



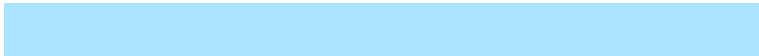
60.0575, 71.8533, 46.8705

Rectangle

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



56.2193, 71.8533, 105.5137



66.6201, 71.8533, 131.0627



81.9854, 71.8533, 56.1182



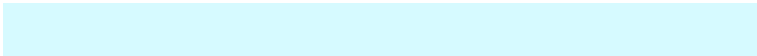
69.9965, 71.8533, 41.9398

Sweetspot

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



56.2213, 71.8559, 105.5142



79.8767, 89.6197, 107.6961



48.2969, 77.4457, 36.7801



16.7271, 18.9224, 23.0207



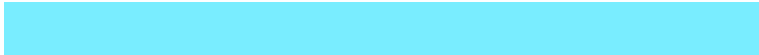
0.0000, 0.0000, 0.0000



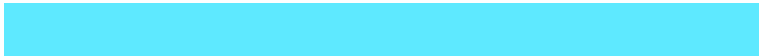
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2213, 71.8559, 105.5142



51.9611, 68.1362, 105.0207



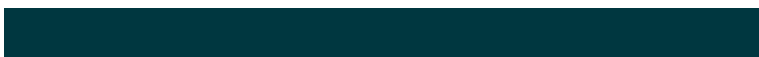
40.3365, 40.0863, 100.2192



18.3346, 20.0407, 23.1519



22.9886, 30.8867, 54.1847



2.2934, 3.1176, 5.2942

Inverse Universe

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



63.3647, 41.0509, 84.7076



60.0425, 35.2352, 81.0450



66.7313, 66.7201, 27.4523



18.6815, 18.2559, 22.2060



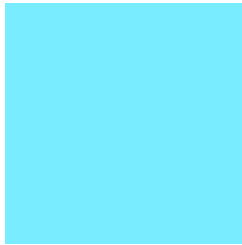
28.3918, 13.8460, 37.0431



2.7922, 1.3593, 3.7533

Previews

White Background



This preview shows how the XYZ color 56.2193, 71.8533, 105.5137 looks on a white background.

Color Contrast Check

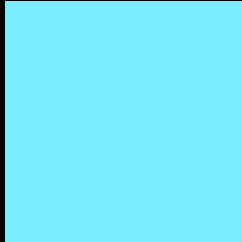
Large Text (above 18pt) WCAG AA × Fail

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 56.2193, 71.8533, 105.5137 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 56.2193, 71.8533, 105.5137

Background



This preview shows how black text looks on a background with the XYZ color 56.2193, 71.8533, 105.5137.

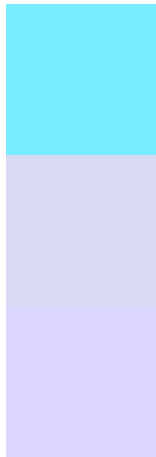


This preview shows how white text looks on a background with the XYZ color 56.2193, 71.8533,

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

56.2193, 71.8533, 105.5137

Protanopia

69.1588, 70.6354, 93.9933

Deuteranopia

71.8656, 71.0365, 104.5314



Tritanopia

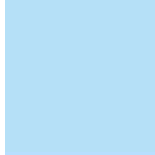
56.6496, 71.6465, 105.4512

Trichromacy



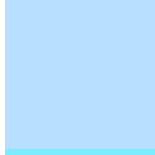
Original Color

56.2193, 71.8533, 105.5137



Protanomaly

62.5002, 69.8505, 98.1841



Deuteranomaly

64.2048, 70.1857, 104.7710



Tritanomaly

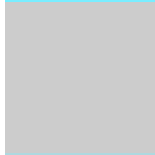
56.3576, 71.4960, 105.4375

Monochromacy



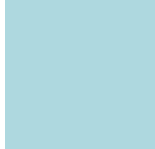
Original Color

56.2193, 71.8533, 105.5137



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.3307, 63.4381, 79.1406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2193, 71.8533, 105.5137 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(121, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(121, 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(121, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.2193, 71.8533, 105.5137 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(121, 237, 255) }
```


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

```
.border{ border-color:rgb(121, 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(121, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 237, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 237, 255); box-shadow:4px 4px 4px 4px rgb(121, 237, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2193, 71.8533, 105.5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 237, 255) }
```

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

```
.background{ background-color: rgb(121,  
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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