

Converting Colors

XYZ(63.7634, 75.9991,
146.0235)

Have a look what the booklet for
XYZ(63.7634, 75.9991, 146.0235)
contains.

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Color

**XYZ(56.2803, 73.1850,
105.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	73F0FF
RGB	115, 240, 255
RGB Percent	45%, 94%, 100%
CMY	0.5490, 0.0588, 0.0000
CMYK	0.55, 0.06, 0.00, 0.00
HSL	186°, 100%, 73%
HSV	186°, 55%, 100%
XYZ	56.2803, 73.1850, 105.7676
YIQ	204.3350, -79.3150, -21.8350

Conversions

Conversions Part 2

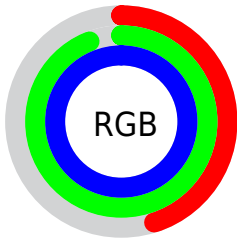
Format	Color
RYB	115, 181, 255
Decimal	7598335
CIELab	88.54, -30.72, -17.84
CIELCh	89, 35.525, 210.144
Yxy	73.1850, 0.2393, 0.3111
Android (android.graphics.Color)	4285788415 (0xFF73F0FF)
YUV	204.3350, 24.9778, -78.3468
Hunter-Lab	85.5482, -32.2782, -13.4195

Details

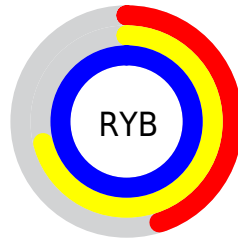
The XYZ color **56.2803, 73.1850, 105.7676** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.3179, 38.4640, 20.8885**, and the grayscale version is **57.4913, 60.4853, 65.8685**.

A 20% lighter version of the original color is **71.9415, 88.0871, 107.8185**, and **28.2884, 38.8504, 59.4340** is the 20% darker color. If you saturate the color by 10%, you get **52.5817, 70.0951, 105.3661**, and if you desaturate by 10%, it is **60.9222, 76.7824, 106.2173**.

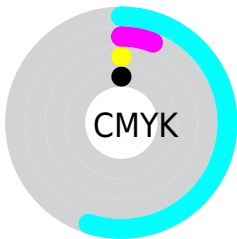
Distribution



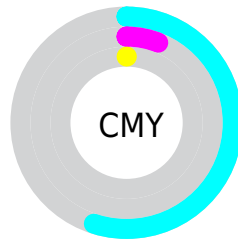
- Red (45%)
- Green (94%)
- Blue (100%)



- Red (45%)
- Yellow (71%)
- Blue (100%)



- Cyan (55%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2803, 73.1850, 105.7676 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 56.2803, 73.1850, 105.7676 by changing the saturation by 10% instead.

56.2803, 73.1850,
105.7676

56.2803, 73.1850,
105.7676

400.8049,
471.6557, 599.9340

40.6656, 54.1272,
80.4823

98.5517, 123.7398,
171.1816

28.2444, 38.7034,
59.5868

125.9391,
156.0057, 212.1474

18.6514, 26.5291,
42.6626

157.9815,
193.4430, 259.1772

11.5211, 17.2199,
29.2910

195.0442,
236.4362, 312.6894

6.4884, 10.3914,
19.0536

237.4925,
285.3697, 373.1027

3.1877, 5.6592,
11.5318

285.6918,

1.2538, 2.6390,

340.6278, 440.8355

6.3071

340.0075,
402.5951, 516.3064

■ 0.1482, 0.9463,
2.9609

■ 0.0000, 0.0000,
1.0747

■ 56.2803, 73.1850,
105.7676

■ 56.2803, 73.1850,
105.7676

■ 52.5817, 70.0951,
105.3661

■ 60.9222, 76.7824,
106.2173

■ 49.7417, 67.4641,
105.0080

■ 66.5711, 80.9154,
106.7173

■ 47.6710, 65.2475,
104.6892

■ 73.2920, 85.6191,
107.2710

■ 46.2568, 63.3871,
104.4047

■ 81.1426, 90.9234,
107.8810

■ 45.7066, 62.5331,
104.2689

■ 90.1766, 96.8561,
108.5500

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.



54.3705, 73.1850, 79.8044



56.2803, 73.1850, 105.7676



61.6868, 73.1850, 127.9357

Triad

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



56.2803, 73.1850, 105.7676



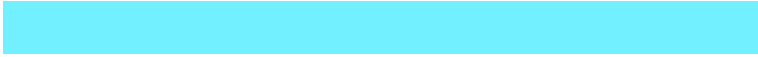
84.8272, 73.1850, 105.5203



69.5188, 73.1850, 41.2438

Complementary

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



56.2803, 73.1850, 105.7676



52.3179, 38.4640, 20.8885

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.



78.0764, 73.1850, 45.4080



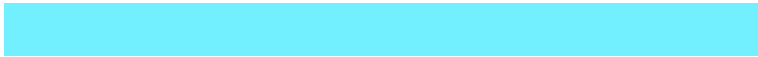
56.2803, 73.1850, 105.7676



87.3442, 73.1850, 79.5678

Square

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



56.2803, 73.1850, 105.7676



78.1537, 73.1850, 127.7736



84.7801, 73.1850, 58.2887



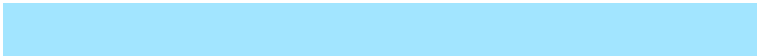
61.6208, 73.1850, 45.4893

Rectangle

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



56.2803, 73.1850, 105.7676



66.7817, 73.1850, 135.7092



84.7801, 73.1850, 58.2887



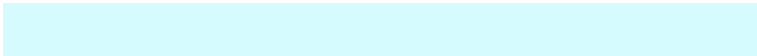
72.4146, 73.1850, 41.6937

Sweetspot

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



56.2823, 73.1877, 105.7680



80.2215, 90.3093, 107.8111



46.7940, 76.7504, 33.1190



16.8102, 19.0884, 23.0484



0.0000, 0.0000, 0.0000



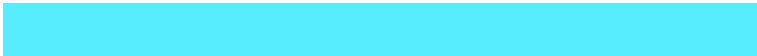
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2823, 73.1877, 105.7680



52.2285, 69.7837, 105.3246



39.6848, 39.9926, 100.2355



18.3789, 20.1293, 23.1666



23.9497, 32.8090, 54.5051



2.3775, 3.2858, 5.3222

Inverse Universe

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



63.1002, 39.8145, 86.8002



59.9059, 34.1407, 83.5314



64.7589, 63.3460, 25.0355



18.7039, 18.2649, 22.3238



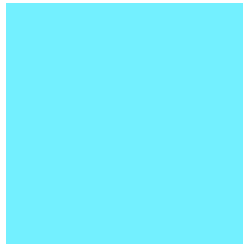
28.8769, 14.0401, 39.5978



2.8347, 1.3762, 3.9768

Previews

White Background



This preview shows how the XYZ color 56.2803, 73.1850, 105.7676 looks on a white background.

Color Contrast Check

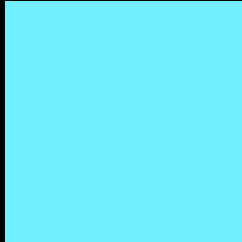
Large Text (above 18pt) WCAG AA × Fail

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 56.2803, 73.1850, 105.7676 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 56.2803, 73.1850, 105.7676

Background



This preview shows how black text looks on a background with the XYZ color 56.2803, 73.1850, 105.7676.

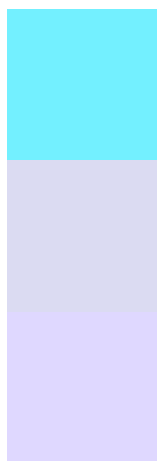


This preview shows how white text looks on a background with the XYZ color 56.2803, 73.1850,

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

56.2803, 73.1850, 105.7676

Protanopia

70.5719, 72.1339, 94.2081

Deuteranopia

73.0373, 72.0197, 104.6595



Tritanopia

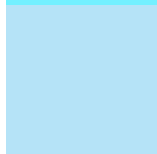
58.0071, 72.7749, 105.5974

Trichromacy



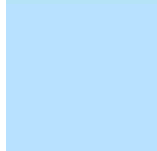
Original Color

56.2803, 73.1850, 105.7676



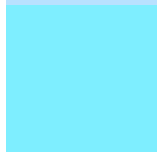
Protanomaly

63.3136, 71.4773, 98.4552



Deuteranomaly

64.7424, 71.2608, 104.9502



Tritanomaly

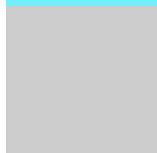
57.2287, 72.8047, 105.6442

Monochromacy



Original Color

56.2803, 73.1850, 105.7676



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.1454, 63.7241, 79.2055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2803, 73.1850, 105.7676 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(115, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 240, 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(115, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.2803, 73.1850, 105.7676 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(115, 240, 255) }
```


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

```
.border{ border-color:rgb(115, 240, 255) }
```

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

Here you see how a box with a 4 pixel rgb(115, 240, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(115, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2803, 73.1850, 105.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 240, 255) }
```

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

```
.background{ background-color: rgb(115,  
240, 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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