

Converting Colors

XYZ(57.2060, 86.6745, 73.1680)

Have a look what the booklet for
XYZ(57.2060, 86.6745, 73.1680)
contains.

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Color

**XYZ(53.5756, 79.3891,
72.1744)**

Conversions

Conversions Part 1

Format	Color
Hex	6EFFD0
RGB	110, 255, 208
RGB Percent	43%, 100%, 82%
CMY	0.5686, 0.0000, 0.1843
CMYK	0.57, 0.00, 0.18, 0.00
HSL	161°, 100%, 72%
HSV	161°, 57%, 100%
XYZ	53.5756, 79.3891, 72.1744
YIQ	206.2870, -71.3330, -45.3570

Conversions

Conversions Part 2

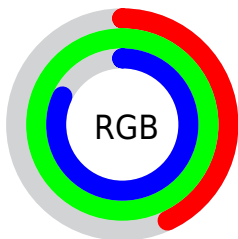
Format	Color
RYB	110, 197, 255
Decimal	7274448
CIELab	91.41, -49.95, 10.81
CIELCh	91, 51.102, 167.791
Yxy	79.3891, 0.2612, 0.3870
Android (android.graphics.Color)	4285464528 (0xFF6EFFD0)
YUV	206.2870, 0.8445, -84.4437
Hunter-Lab	89.1006, -48.5951, 14.3435

Details

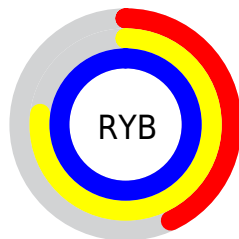
The XYZ color **53.5756, 79.3891, 72.1744** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **52.9024, 34.8472, 35.8373**, and the grayscale version is **58.8779, 61.9441, 67.4572**.

A 20% lighter version of the original color is **70.8233, 87.5107, 107.7662**, and **26.4921, 42.6229, 37.4026** is the 20% darker color. If you saturate the color by 10%, you get **49.8560, 77.5860, 66.8303**, and if you desaturate by 10%, it is **58.2623, 81.6846, 77.8432**.

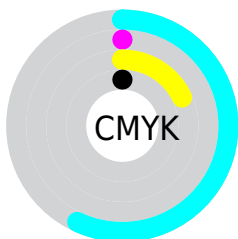
Distribution



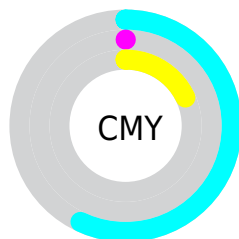
- Red (43%)
- Green (100%)
- Blue (82%)



- Red (43%)
- Yellow (77%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (57%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5756, 79.3891, 72.1744 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 53.5756, 79.3891, 72.1744 by changing the saturation by 10% instead.


 53.5756, 79.3891,
72.1744


 53.5756, 79.3891,
72.1744


390.7144,
492.8717, 487.1422


 38.4918, 59.2158,
52.8134


 94.6114, 132.5065,
124.0145

 26.5435, 42.7868,
37.2672


 121.2940,
166.2194, 157.3307

 17.3655, 29.7179,
25.1170


 152.5737,
205.2142, 196.1357

 10.5924, 19.6246,
15.9444

188.8157,
249.8754, 240.8481

 5.8587, 12.1224,
9.3309

230.3854,
300.5873, 291.8864

 2.7992, 6.8271,
4.8579

277.6482,

 1.0485, 3.3542,

357.7344, 349.6692

2.1068

330.9694,
421.7011, 414.6150

■ 0.0000, 1.3193,
0.6198

■ 0.0000, 0.1561,
0.0000

■ 53.5756, 79.3891,
72.1744

■ 53.5756, 79.3891,
72.1744

■ 49.8560, 77.5860,
66.8303

■ 58.2623, 81.6846,
77.8432

■ 47.0198, 76.2323,
61.7987

■ 63.9858, 84.5083,
83.8399

■ 44.9722, 75.2792,
57.0722

■ 70.8117, 87.8941,
90.1729

■ 43.5922, 74.6645,
52.6409

■ 78.7994, 91.8724,
96.8490

■ 43.2397, 74.5119,
51.3074

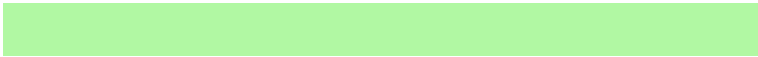
■ 88.0040, 96.4716,
103.8745

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.



58.4214, 79.3891, 46.7275



53.5756, 79.3891, 72.1744



54.0785, 79.3891, 110.2015

Triad

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



53.5756, 79.3891, 72.1744



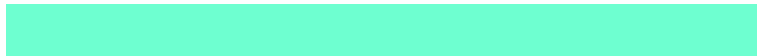
83.3519, 79.3891, 174.0486



93.5191, 79.3891, 43.5328

Complementary

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



53.5756, 79.3891, 72.1744



52.9024, 34.8472, 35.8373

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.



101.8363, 79.3891, 66.3680



53.5756, 79.3891, 72.1744



95.5187, 79.3891, 143.9802

Square

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



53.5756, 79.3891, 72.1744



70.2954, 79.3891, 176.9408



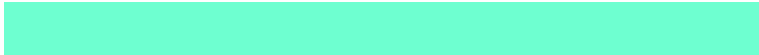
102.6075, 79.3891, 102.4742



80.8652, 79.3891, 33.6681

Rectangle

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



53.5756, 79.3891, 72.1744



57.3838, 79.3891, 138.1245



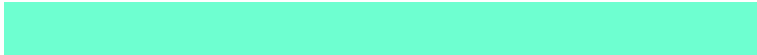
102.6075, 79.3891, 102.4742



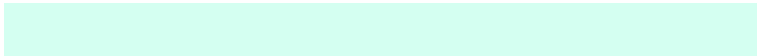
96.9747, 79.3891, 49.5878

Sweetspot

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



53.5764, 79.3895, 72.1758



78.6801, 91.8129, 96.7538



52.7415, 79.9491, 27.4051



16.4775, 19.4706, 20.4165



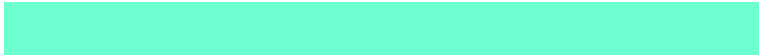
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.5764, 79.3895, 72.1758



49.4900, 77.4100, 66.2415



53.0105, 67.5943, 104.8608



18.2897, 20.3754, 21.8285



22.6651, 38.9626, 27.1854



2.2570, 3.8137, 2.9110

Inverse Universe

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



52.9024, 34.8472, 35.8373



48.8005, 29.0638, 27.0085



52.6034, 39.4832, 19.6017



18.2521, 18.0841, 19.9445



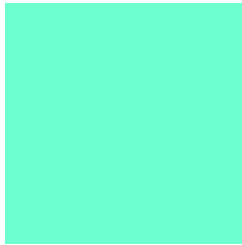
22.4180, 11.4565, 5.5858



2.2304, 1.1345, 0.7947

Previews

White Background



This preview shows how the XYZ color 53.5756, 79.3891, 72.1744 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 53.5756, 79.3891, 72.1744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

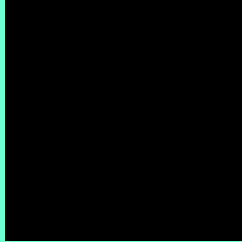
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5756, 79.3891, 72.1744

Background



This preview shows how black text looks on a background with the XYZ color 53.5756, 79.3891, 72.1744.

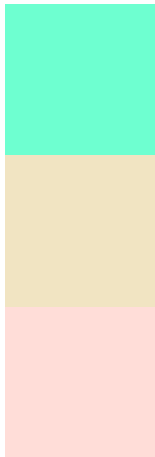


This preview shows how white text looks on a background with the XYZ color 53.5756, 79.3891,

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

53.5756, 79.3891, 72.1744

Protanopia

73.7566, 78.0826, 62.2230

Deuteranopia

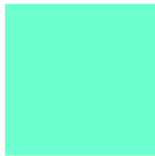
79.4911, 77.9308, 75.8183



Tritanopia

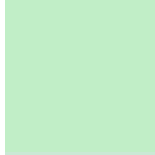
66.0829, 78.6766, 106.3109

Trichromacy



Original Color

53.5756, 79.3891, 72.1744



Protanomaly

62.8757, 76.6100, 65.5062



Deuteranomaly

65.5063, 75.6385, 74.0979



Tritanomaly

60.6011, 78.3805, 92.8238

Monochromacy



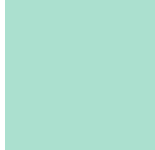
Original Color

53.5756, 79.3891, 72.1744



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

54.7127, 66.4742, 68.9786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5756, 79.3891, 72.1744 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(110, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(110, 255, 208)  
}
```

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(110, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 255, 208) }
```

Border

The CSS property to change the border of an element to XYZ 53.5756, 79.3891, 72.1744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

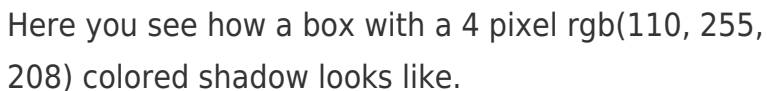
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 255, 208) }
```


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

```
.border{ border-color:rgb(110, 255, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(110, 255,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5756, 79.3891, 72.1744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 255, 208) }
```

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

```
.background{ background-color: rgb(110,  
255, 208) }
```

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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