

Converting Colors

XYZ(50.5871, 76.4530, 71.1222)

Have a look what the booklet for
XYZ(50.5871, 76.4530, 71.1222)
contains.

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Color

**XYZ(50.5871, 76.4530,
71.1222)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5DFCCF |
| RGB | 93, 252, 207 |
| RGB Percent | 36%, 99%, 81% |
| CMY | 0.6353, 0.0117, 0.1882 |
| CMYK | 0.63, 0.00, 0.18, 0.01 |
| HSL | 163°, 96%, 68% |
| HSV | 163°, 63%, 99% |
| XYZ | 50.5871, 76.4530, 71.1222 |
| YIQ | 199.3290, -80.3190, -47.7030 |

Conversions

Conversions Part 2

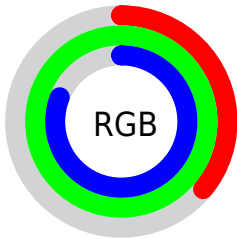
| Format | Color |
|-------------------------------------|--|
| RYB | 93, 186, 252 |
| Decimal | 6159567 |
| CIELab | 90.07, -51.99, 9.35 |
| CIElCh | 90, 52.827, 169.809 |
| Yxy | 76.4530, 0.2553, 0.3858 |
| Android (android.graphics.Color) | 4284349647 (0xFF5DFCCF) |
| YUV | 199.3290, 3.7818, -93.2505 |
| Hunter-Lab | 87.4374, -49.7439, 12.9793 |

Details

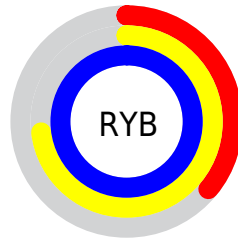
The XYZ color **50.5871, 76.4530, 71.1222** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **48.6492, 30.3611, 27.3438**, and the grayscale version is **54.5024, 57.3407, 62.4441**.

A 20% lighter version of the original color is **67.9106, 86.0091, 107.6299**, and **25.0416, 40.8835, 36.7085** is the 20% darker color. If you saturate the color by 10%, you get **47.5921, 75.0095, 66.5336**, and if you desaturate by 10%, it is **54.4657, 78.3514, 75.9612**.

Distribution



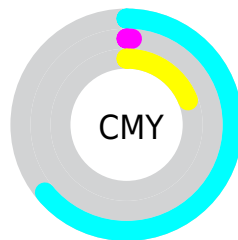
- Red (36%)
- Green (99%)
- Blue (81%)



- Red (36%)
- Yellow (73%)
- Blue (99%)



- Cyan (63%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)





- Cyan (64%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5871, 76.4530, 71.1222 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 50.5871, 76.4530, 71.1222 by changing the saturation by 10% instead.

 50.5871, 76.4530,
71.1222


 50.5871, 76.4530,
71.1222


379.3716,
482.8970, 483.3757


 36.0998, 56.8040,
51.9595


 90.2308, 128.3670,
122.5038

 24.6818, 40.8479,
36.5908


 116.1179,
161.4009, 155.5597

 15.9676, 28.2003,
24.5975


 146.5356,
199.6652, 194.0838

 9.5919, 18.4767,
15.5611

 181.8494,
243.5444, 238.4947

 5.1894, 11.2928,
9.0632

222.4245,
293.4227, 289.2107

 2.3947, 6.2641,
4.6850

268.6263,

 0.8425, 3.0063,

349.6847, 346.6505

2.0082

320.8202,
412.7146, 411.2327

■ 0.0000, 1.1350,
0.5603

■ 0.0000, 0.0077,
0.0000

■ 50.5871, 76.4530,
71.1222

■ 50.5871, 76.4530,
71.1222

■ 47.5921, 75.0095,
66.5336

■ 54.4657, 78.3514,
75.9612

■ 45.3878, 73.9671,
62.1832


■ 59.2967, 80.7342,
81.0514

■ 43.8711, 73.2748,
58.0653


■ 65.1488, 83.6387,
86.4003

■ 43.1193, 72.9465,
55.3507

■ 72.0828, 87.0963,
92.0133

 80.1545, 91.1355,
97.8954

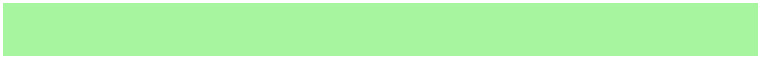
 89.4157, 95.7832,
104.0515

 94.1017, 98.1035,
108.5839

Harmonies

Analogous

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



55.0728, 76.4530, 44.8293



50.5871, 76.4530, 71.1222



51.4506, 76.4530, 110.1631

Triad

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



50.5871, 76.4530, 71.1222



81.5413, 76.4530, 171.2317



90.1639, 76.4530, 39.4027

Complementary

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



50.5871, 76.4530, 71.1222



48.6492, 30.3611, 27.3438

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.



99.0344, 76.4530, 61.1120



50.5871, 76.4530, 71.1222



93.6566, 76.4530, 139.0162

Square

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



50.5871, 76.4530, 71.1222



68.3002, 76.4530, 176.3455



100.3843, 76.4530, 96.6711



77.2146, 76.4530, 30.5161

Rectangle

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



50.5871, 76.4530, 71.1222



54.9832, 76.4530, 138.4990



100.3843, 76.4530, 96.6711



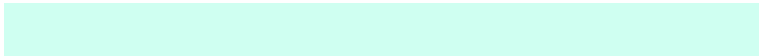
93.7843, 76.4530, 45.0733

Sweetspot

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



50.5892, 76.4560, 71.1240



77.2867, 91.0887, 96.9525



47.2781, 75.8219, 22.5004



16.0518, 19.2514, 20.3857



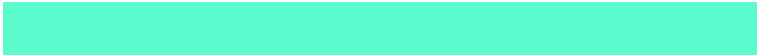
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



50.5892, 76.4560, 71.1240



48.1394, 76.6955, 67.0008



47.0421, 59.2680, 101.0595



17.5440, 19.5199, 21.0654



22.5269, 38.0237, 29.1814



2.1318, 3.5398, 2.9418

Inverse Universe

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



48.6492, 30.3611, 27.3438



46.0749, 25.8810, 19.1060



49.7707, 36.7832, 14.8338



17.4465, 17.3060, 18.9413



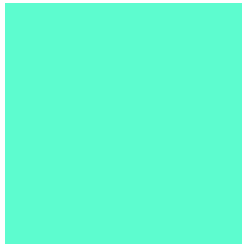
21.5640, 11.0413, 4.4123



2.0405, 1.0399, 0.6368

Previews

White Background



This preview shows how the XYZ color 50.5871, 76.4530, 71.1222 looks on a white background.

Color Contrast Check

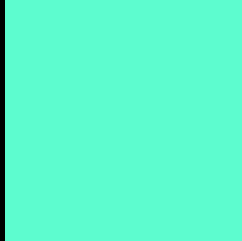
Large Text (above 18pt) WCAG AA × Fail

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 50.5871, 76.4530, 71.1222 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

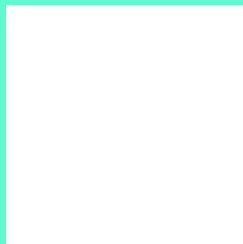
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5871, 76.4530, 71.1222

Background



This preview shows how black text looks on a background with the XYZ color 50.5871, 76.4530, 71.1222.

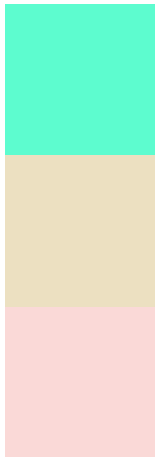


This preview shows how white text looks on a background with the XYZ color 50.5871, 76.4530,

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

50.5871, 76.4530, 71.1222

Protanopia

70.8734, 74.9944, 61.1920

Deuteranopia

76.5029, 74.8560, 74.7065



Tritanopia

61.9726, 76.1195, 106.0340

Trichromacy



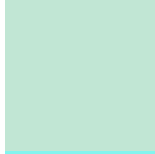
Original Color

50.5871, 76.4530, 71.1222



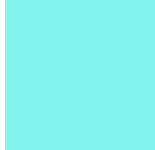
Protanomaly

59.3830, 73.1132, 64.4085



Deuteranomaly

62.1728, 72.6846, 73.0400



Tritanomaly

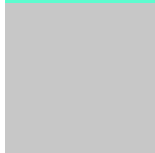
56.9892, 75.6202, 92.4814

Monochromacy



Original Color

50.5871, 76.4530, 71.1222



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

50.2293, 61.8807, 65.1739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5871, 76.4530, 71.1222 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(93, 252, 207)` looks like.

```
.text, #text, p{  
    color:rgb(93, 252, 207)  
}
```

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(93, 252, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 252, 207) }
```

Border

The CSS property to change the border of an element to XYZ 50.5871, 76.4530, 71.1222 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(93, 252, 207) }
```


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

```
.border{ border-color:rgb(93, 252, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 252, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 252, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 252, 207);  
box-shadow:4px 4px 4px 4px rgb(93, 252,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5871, 76.4530, 71.1222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 252, 207) }
```

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

```
.background{ background-color: rgb(93, 252,  
207) }
```

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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