

Converting Colors

XYZ(51.4541, 70.3564, 75.0733)

Have a look what the booklet for
XYZ(51.4541, 70.3564, 75.0733)
contains.

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Color

**XYZ(51.5927, 70.5674,
75.1916)**

Conversions

Conversions Part 1

Format	Color
Hex	7FEED7
RGB	127, 238, 215
RGB Percent	50%, 93%, 84%
CMY	0.5019, 0.0667, 0.1569
CMYK	0.47, 0.00, 0.10, 0.07
HSL	168°, 77%, 72%
HSV	168°, 47%, 93%
XYZ	51.5927, 70.5674, 75.1916
YIQ	202.1890, -58.7730, -30.6850

Conversions

Conversions Part 2

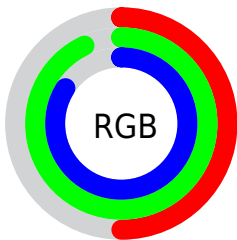
Format	Color
RYB	127, 189, 238
Decimal	8384215
CIELab	87.27, -37.28, 1.28
CIElCh	87, 37.302, 178.035
Yxy	70.5674, 0.2614, 0.3576
Android (android.graphics.Color)	4286574295 (0xFF7FEED7)
YUV	202.1890, 6.3158, -65.9408
Hunter-Lab	84.0044, -37.3790, 5.7331

Details

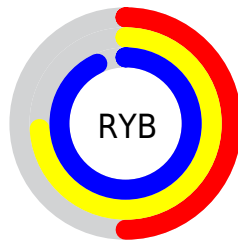
The XYZ color **51.5927, 70.5674, 75.1916** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **48.3567, 35.5599, 33.1720**, and the grayscale version is **56.2468, 59.1760, 64.4427**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **25.3879, 37.1873, 39.0975** is the 20% darker color. If you saturate the color by 10%, you get **47.8342, 68.7037, 71.7583**, and if you desaturate by 10%, it is **56.2115, 72.8759, 78.7680**.

Distribution



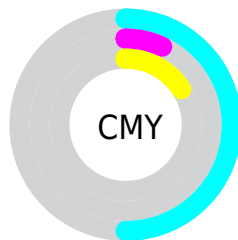
- Red (50%)
- Green (93%)
- Blue (84%)



- Red (50%)
- Yellow (74%)
- Blue (93%)



- Cyan (47%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)




- Cyan (50%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5927, 70.5674, 75.1916 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 51.5927, 70.5674, 75.1916 by changing the saturation by 10% instead.


 51.5927, 70.5674,
75.1916

 51.5927, 70.5674,
75.1916


383.2120,
462.5397, 497.8488


 36.9035, 51.9892,
55.2672


 91.7081, 120.0176,
128.3331

 25.3061, 36.9965,
39.2156


 117.8649,
151.6583, 162.3873

 16.4352, 25.2048,
26.6184


 148.5751,
188.4221, 201.9886

 9.9254, 16.2297,
17.0569

184.2038,
230.6933, 247.5554

 5.4114, 9.6868,
10.1127

225.1165,
278.8562, 299.5062

 2.5278, 5.1918,
5.3672

271.6785,

 0.9093, 2.3602,

333.2954, 358.2597

2.4018

324.2553,
394.3951, 424.2344

■ 0.0000, 0.8053,
0.7874

■ 0.0000, 0.0000,
0.0000

■ 51.5927, 70.5674,
75.1916

■ 51.5927, 70.5674,
75.1916

■ 47.8342, 68.7037,
71.7583

■ 56.2115, 72.8759,
78.7680

■ 44.8699, 67.2455,
68.4594


■ 61.7387, 75.6487,
82.4860


■ 42.6339, 66.1606,
65.2927


■ 68.2260, 78.9142,
86.3504


■ 41.0465, 65.4079,
62.2535


■ 75.7194, 82.6962,
90.3642

 40.0075, 64.9357,
59.3361

 84.2620, 87.0166,
94.5302

 39.7266, 64.8118,
58.3799

 88.2353, 88.9793,
98.5862

 88.9969, 89.2839,
102.5967

 89.7787, 89.5967,
106.7136

 89.8657, 89.6315,
107.1719

Harmonies

Analogous

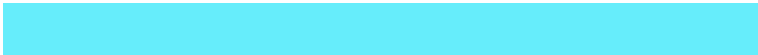
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.7605, 70.5674, 54.0016



51.5927, 70.5674, 75.1916



53.2630, 70.5674, 101.8402

Triad

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



51.5927, 70.5674, 75.1916



75.3133, 70.5674, 127.8266



76.4005, 70.5674, 42.7183

Complementary

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



51.5927, 70.5674, 75.1916



48.3567, 35.5599, 33.1720

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.



83.0830, 70.5674, 56.3010



51.5927, 70.5674, 75.1916



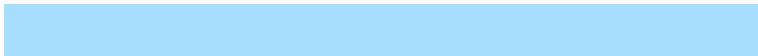
82.4178, 70.5674, 105.3408

Square

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



51.5927, 70.5674, 75.1916



66.4956, 70.5674, 135.9064



85.3742, 70.5674, 78.5040



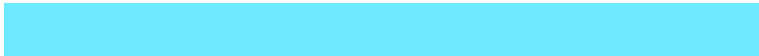
67.6521, 70.5674, 37.9740

Rectangle

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



51.5927, 70.5674, 75.1916



56.4173, 70.5674, 118.6247



85.3742, 70.5674, 78.5040



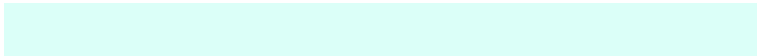
78.9906, 70.5674, 46.2329

Sweetspot

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



51.5947, 70.5702, 75.1932



81.9453, 93.3793, 102.1885



47.1793, 69.2684, 30.9636



17.1529, 19.7920, 21.6578



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.



51.5947, 70.5702, 75.1932



56.1139, 80.4364, 84.0944



46.3912, 55.0955, 89.0815



16.0989, 17.8696, 19.5435



22.2111, 36.1765, 32.8242



1.8826, 3.0235, 2.9143

Inverse Universe

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



48.3567, 35.5599, 33.1720



51.9232, 34.8393, 29.4975



51.3968, 44.3192, 25.9256



15.9068, 15.8124, 17.0653



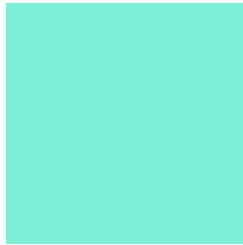
20.0221, 10.2813, 2.7669



1.7006, 0.8693, 0.4141

Previews

White Background



This preview shows how the XYZ color 51.5927, 70.5674, 75.1916 looks on a white background.

Color Contrast Check

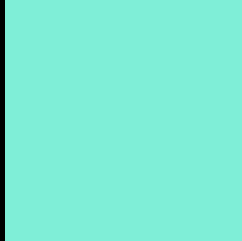
Large Text (above 18pt) WCAG AA × Fail

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 51.5927, 70.5674, 75.1916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

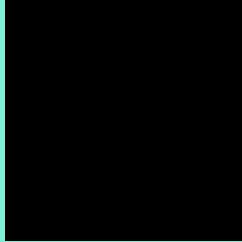
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

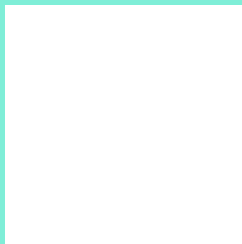
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5927, 70.5674, 75.1916

Background



This preview shows how black text looks on a background with the XYZ color 51.5927, 70.5674, 75.1916.



This preview shows how white text looks on a background with the XYZ color 51.5927, 70.5674,

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

51.5927, 70.5674, 75.1916

Protanopia

66.6437, 69.9451, 66.4882

Deuteranopia

71.2705, 69.8135, 78.1256



Tritanopia

57.0327, 70.6461, 101.8969

Trichromacy



Original Color

51.5927, 70.5674, 75.1916



Protanomaly

59.1740, 69.1742, 69.2646



Deuteranomaly

61.6686, 68.6977, 77.0275



Tritanomaly

54.9725, 70.6580, 91.6299

Monochromacy



Original Color

51.5927, 70.5674, 75.1916



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.2421, 62.2198, 68.2350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5927, 70.5674, 75.1916 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(127, 238, 215)` looks like.

```
.text, #text, p{  
    color:rgb(127, 238, 215)  
}
```

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(127, 238, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 238, 215) }
```

Border

The CSS property to change the border of an element to XYZ 51.5927, 70.5674, 75.1916 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(127, 238, 215) }
```


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

```
.border{ border-color:rgb(127, 238, 215) }
```

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

Here you see how a box with a 4 pixel rgb(127, 238, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 238, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 238, 215);  
box-shadow:4px 4px 4px 4px rgb(127, 238,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5927, 70.5674, 75.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 238, 215) }
```

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

```
.background{ background-color: rgb(127,  
238, 215) }
```

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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