

Converting Colors

XYZ(52.6026, 70.8712, 85.0358)

Have a look what the booklet for
XYZ(52.6026, 70.8712, 85.0358)
contains.

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Color

**XYZ(52.6026, 70.8712,
85.0358)**

Conversions

Conversions Part 1

Format	Color
Hex	79EEE5
RGB	121, 238, 229
RGB Percent	47%, 93%, 90%
CMY	0.5255, 0.0667, 0.1020
CMYK	0.49, 0.00, 0.04, 0.07
HSL	175°, 77%, 70%
HSV	175°, 49%, 93%
XYZ	52.6026, 70.8712, 85.0358
YIQ	201.9910, -66.8430, -27.6030

Conversions

Conversions Part 2

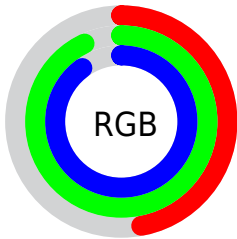
Format	Color
RYB	121, 182, 238
Decimal	7991013
CIELab	87.42, -35.27, -5.87
CIELCh	87, 35.758, 189.442
Yxy	70.8712, 0.2523, 0.3399
Android (android.graphics.Color)	4286181093 (0xFF79EEE5)
YUV	201.9910, 13.3154, -71.0291
Hunter-Lab	84.1850, -35.7890, -0.9597

Details

The XYZ color **52.6026, 70.8712, 85.0358** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **46.1290, 33.4657, 25.1500**, and the grayscale version is **56.0848, 59.0055, 64.2570**.

A 20% lighter version of the original color is **72.6324, 88.4433, 107.8509**, and **26.0553, 37.3817, 45.8865** is the 20% darker color. If you saturate the color by 10%, you get **49.4160, 69.2595, 83.5603**, and if you desaturate by 10%, it is **56.6187, 72.9136, 86.5673**.

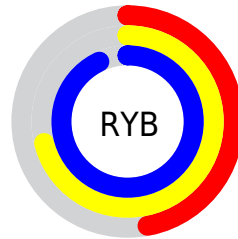
Distribution



Red (47%)

Green (93%)

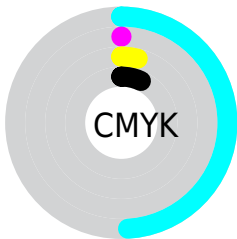
Blue (90%)



Red (47%)

Yellow (71%)

Blue (93%)

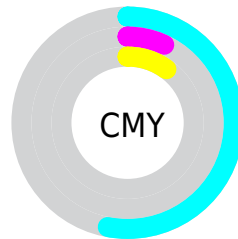


Cyan (49%)

Magenta (0%)

Yellow (4%)

Black (7%)



Cyan (53%)


Magenta (7%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6026, 70.8712, 85.0358 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 52.6026, 70.8712, 85.0358 by changing the saturation by 10% instead.


 52.6026, 70.8712,
85.0358


 52.6026, 70.8712,
85.0358

387.0445,
463.6031, 531.8942


 37.7118, 52.2371,
63.3206


 93.1883, 120.4503,
142.2978

 25.9353, 37.1941,
45.6580


 119.6140,
152.1641, 178.6817

 16.9077, 25.3578,
31.6293


 150.6153,
189.0066, 220.7923

 10.2636, 16.3438,
20.8160

186.5577,
231.3621, 269.0481

 5.6377, 9.7678,
12.7997

227.8064,
279.6152, 323.8677

 2.6646, 5.2453,
7.1616

274.7269,

 0.9790, 2.3919,

334.1501, 385.6695

3.4834

327.6844,
395.3512, 454.8722

■ 0.0000, 0.8217,
1.3465

■ 0.0000, 0.0000,
0.0994

■ 52.6026, 70.8712,
85.0358

■ 52.6026, 70.8712,
85.0358

■ 49.4160, 69.2595,
83.5603

■ 56.6187, 72.9136,
86.5673

■ 46.9910, 68.0385,
82.1330


■ 61.5135, 75.4069,
88.1525


■ 45.2595, 67.1746,
80.7521


■ 67.3396, 78.3800,
89.7954


■ 44.1382, 66.6250,
79.4137


■ 74.1436, 81.8570,
91.4983


 43.4985, 66.3234,
78.1118


 81.9692, 85.8603,
93.2632

 43.4531, 66.3024,
78.0033

 87.5423, 88.7020,
94.9371

 87.8158, 88.8114,
96.3772

 88.0920, 88.9219,
97.8319

 88.3710, 89.0335,
99.3011

Harmonies

Analogous

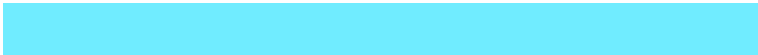
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.2948, 70.8712, 61.9858



52.6026, 70.8712, 85.0358



55.6021, 70.8712, 110.5765

Triad

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



52.6026, 70.8712, 85.0358



78.1927, 70.8712, 118.8571



73.2150, 70.8712, 41.3501

Complementary

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



52.6026, 70.8712, 85.0358



46.1290, 33.4657, 25.1500

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.



80.6708, 70.8712, 51.2716



52.6026, 70.8712, 85.0358



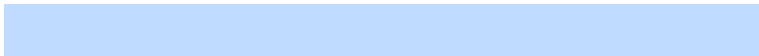
83.7070, 70.8712, 94.6435

Square

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



52.6026, 70.8712, 85.0358



70.0553, 70.8712, 132.6179



84.6498, 70.8712, 69.7987



64.7366, 70.8712, 39.8335

Rectangle

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



52.6026, 70.8712, 85.0358



59.4512, 70.8712, 124.4435



84.6498, 70.8712, 69.7987



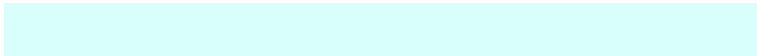
75.9429, 70.8712, 43.6963

Sweetspot

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



52.6047, 70.8740, 85.0375



81.8807, 93.2653, 105.8292



43.3494, 67.3378, 28.8036



17.1758, 19.7838, 22.5622



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.



52.6047, 70.8740, 85.0375



57.7747, 80.9928, 97.7181



41.5715, 46.7434, 87.7233



16.1918, 17.9068, 20.0330



24.2635, 36.9974, 43.6318



2.0340, 3.0840, 3.7114

Inverse Universe

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



46.1290, 33.4657, 25.1500



49.4056, 32.5356, 20.2375



53.0415, 48.2160, 24.6019



15.8221, 15.7786, 16.6197



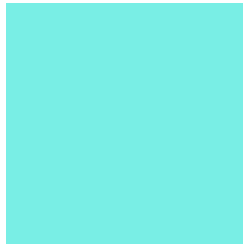
19.7516, 10.1731, 1.3426



1.6601, 0.8531, 0.2011

Previews

White Background



This preview shows how the XYZ color 52.6026, 70.8712, 85.0358 looks on a white background.

Color Contrast Check

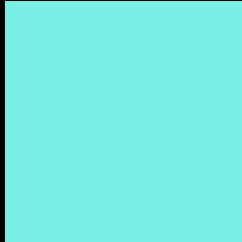
Large Text (above 18pt) WCAG AA × Fail

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 52.6026, 70.8712, 85.0358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

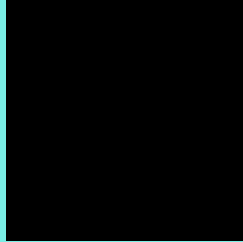
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6026, 70.8712, 85.0358

Background



This preview shows how black text looks on a background with the XYZ color 52.6026, 70.8712, 85.0358.



This preview shows how white text looks on a background with the XYZ color 52.6026, 70.8712,

85.0358.

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

52.6026, 70.8712, 85.0358

Protanopia

67.4614, 70.1651, 75.6333

Deuteranopia

71.4939, 70.0740, 88.3548



Tritanopia

56.2057, 70.6046, 103.5942

Trichromacy



Original Color

52.6026, 70.8712, 85.0358



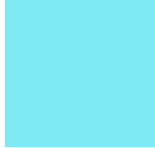
Protanomaly

59.9839, 69.3852, 78.6378



Deuteranomaly

62.0503, 68.6725, 87.0755



Tritanomaly

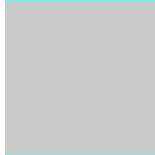
54.6416, 70.3839, 96.2935

Monochromacy



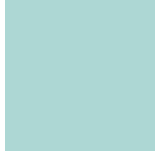
Original Color

52.6026, 70.8712, 85.0358



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.4177, 62.2386, 71.4852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6026, 70.8712, 85.0358 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, 238, 229)` looks like.

```
.text, #text, p{  
    color:rgb(121, 238, 229)  
}
```

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, 238, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 238, 229) }
```

Border

The CSS property to change the border of an element to XYZ 52.6026, 70.8712, 85.0358 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, 238, 229) }
```


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

```
.border{ border-color:rgb(121, 238, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 238, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 238, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 238, 229);  
box-shadow:4px 4px 4px 4px rgb(121, 238,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6026, 70.8712, 85.0358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 238, 229) }
```

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

```
.background{ background-color: rgb(121,  
238, 229) }
```

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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