

Converting Colors

XYZ(52.7531, 71.5334, 86.2513)

Have a look what the booklet for
XYZ(52.7531, 71.5334, 86.2513)
contains.

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Color

**XYZ(52.6206, 71.2977,
85.8514)**

Conversions

Conversions Part 1

Format	Color
Hex	76EFE6
RGB	118, 239, 230
RGB Percent	46%, 94%, 90%
CMY	0.5372, 0.0627, 0.0980
CMYK	0.51, 0.00, 0.04, 0.06
HSL	176°, 79%, 70%
HSV	176°, 51%, 94%
XYZ	52.6206, 71.2977, 85.8514
YIQ	201.7950, -69.2270, -28.4510

Conversions

Conversions Part 2

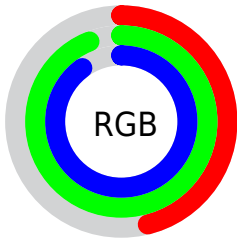
Format	Color
RYB	118, 181, 239
Decimal	7794662
CIELab	87.63, -36.12, -6.10
CIELCh	88, 36.630, 189.580
Yxy	71.2977, 0.2508, 0.3399
Android (android.graphics.Color)	4285984742 (0xFF76EFE6)
YUV	201.7950, 13.9051, -73.4882
Hunter-Lab	84.4380, -36.5276, -1.1759

Details

The XYZ color **52.6206, 71.2977, 85.8514** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **45.9081, 32.8419, 24.0005**, and the grayscale version is **55.9601, 58.8744, 64.1142**.

A 20% lighter version of the original color is **72.1701, 88.2050, 107.8292**, and **26.0875, 37.6922, 46.4578** is the 20% darker color. If you saturate the color by 10%, you get **49.5291, 69.7344, 84.4113**, and if you desaturate by 10%, it is **56.5410, 73.2914, 87.3468**.

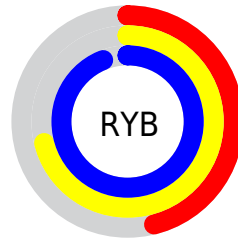
Distribution



Red (46%)

Green (94%)

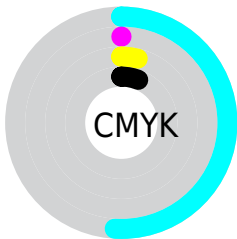
Blue (90%)



Red (46%)

Yellow (71%)

Blue (94%)

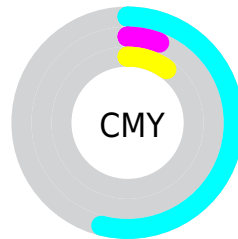


Cyan (51%)

Magenta (0%)

Yellow (4%)

Black (6%)



Cyan (54%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6206, 71.2977, 85.8514 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 52.6206, 71.2977, 85.8514 by changing the saturation by 10% instead.

52.6206, 71.2977,
85.8514

52.6206, 71.2977,
85.8514

387.1125,
465.0934, 534.6590

37.7262, 52.5852,
63.9909

93.2147, 121.0575,
143.4468

25.9465, 37.4717,
46.1972

119.6451,
152.8736, 180.0188

16.9161, 25.5729,
32.0517

150.6516,
189.8263, 222.3317

10.2696, 16.5044,
21.1358

186.5995,
232.3001, 270.8041

5.6417, 9.8818,
13.0311

227.8542,
280.6793, 325.8545

2.6671, 5.3207,
7.3190

274.7810,

0.9802, 2.4366,

335.3483, 387.9014

3.5809

327.7454,
396.6916, 457.3634

■ 0.0000, 0.8446,
1.3984

■ 0.0000, 0.0000,
0.1405

■ 52.6206, 71.2977,
85.8514

■ 52.6206, 71.2977,
85.8514

■ 49.5291, 69.7344,
84.4113

■ 56.5410, 73.2914,
87.3468

■ 47.1969, 68.5605,
83.0184


■ 61.3407, 75.7365,
88.8951


■ 45.5533, 67.7413,
81.6709

■ 67.0735, 78.6623,
90.5004


■ 44.5118, 67.2322,
80.3648


■ 73.7872, 82.0934,
92.1650


 43.9485, 66.9676,
79.1718

 81.5263, 86.0528,
93.8911

 87.9357, 89.3265,
95.5685

 88.2022, 89.4331,
96.9719

 88.4713, 89.5408,
98.3890

 88.7430, 89.6495,
99.8198

Harmonies

Analogous

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



53.3123, 71.2977, 62.1355



52.6206, 71.2977, 85.8514



55.7119, 71.2977, 112.1999

Triad

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



52.6206, 71.2977, 85.8514



78.9535, 71.2977, 120.5522



73.7511, 71.2977, 40.9315

Complementary

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



52.6206, 71.2977, 85.8514



45.9081, 32.8419, 24.0005

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.



81.4451, 71.2977, 51.0101



52.6206, 71.2977, 85.8514



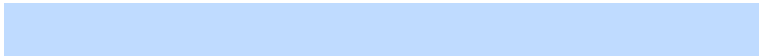
84.6219, 71.2977, 95.5099

Square

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



52.6206, 71.2977, 85.8514



70.5789, 71.2977, 134.8707



85.5707, 71.2977, 69.9530



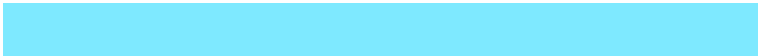
65.0295, 71.2977, 39.4267

Rectangle

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



52.6206, 71.2977, 85.8514



59.6705, 71.2977, 126.5127



85.5707, 71.2977, 69.9530



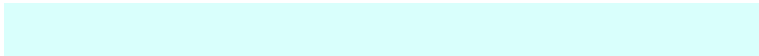
76.5632, 71.2977, 43.3077

Sweetspot

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



52.6227, 71.3005, 85.8531



81.8962, 93.2715, 105.9105



43.0533, 67.6395, 27.9276



17.1796, 19.7853, 22.5820



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.



52.6227, 71.3005, 85.8531



57.1972, 80.6950, 97.6938



41.1614, 46.3021, 88.4322



16.1936, 17.9075, 20.0426



24.3076, 37.0150, 43.8641



2.0372, 3.0853, 3.7283

Inverse Universe

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



45.9081, 32.8419, 24.0005



48.6151, 31.4174, 18.5474



52.9487, 47.8205, 23.5806



15.8205, 15.7779, 16.6110



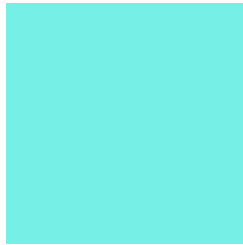
19.7484, 10.1718, 1.3260



1.6593, 0.8528, 0.1970

Previews

White Background



This preview shows how the XYZ color 52.6206, 71.2977, 85.8514 looks on a white background.

Color Contrast Check

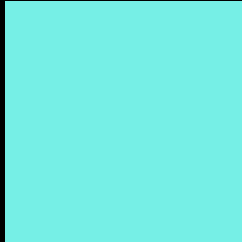
Large Text (above 18pt) WCAG AA × Fail

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 52.6206, 71.2977, 85.8514 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

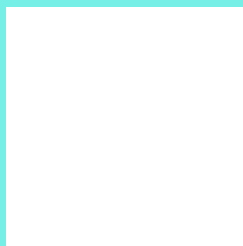
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6206, 71.2977, 85.8514

Background



This preview shows how black text looks on a background with the XYZ color 52.6206, 71.2977, 85.8514.

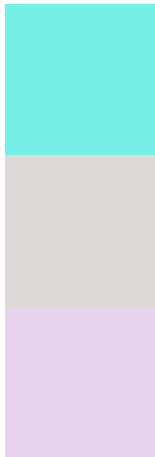


This preview shows how white text looks on a background with the XYZ color 52.6206, 71.2977,

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

52.6206, 71.2977, 85.8514

Protanopia

67.4614, 70.1651, 75.6333

Deuteranopia

71.6388, 70.1320, 89.1179



Tritanopia

56.2019, 71.0080, 104.5097

Trichromacy



Original Color

52.6206, 71.2977, 85.8514



Protanomaly

59.8772, 69.3147, 79.3305



Deuteranomaly

62.2078, 69.1302, 87.9067



Tritanomaly

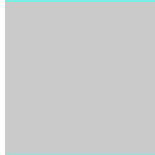
54.6453, 70.7944, 97.1708

Monochromacy



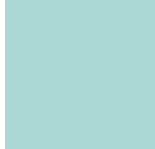
Original Color

52.6206, 71.2977, 85.8514



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

52.9787, 62.0123, 71.4646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6206, 71.2977, 85.8514 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(118, 239, 230)` looks like.

```
.text, #text, p{  
    color:rgb(118, 239, 230)  
}
```

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(118, 239, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 239, 230) }
```

Border

The CSS property to change the border of an element to XYZ 52.6206, 71.2977, 85.8514 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(118, 239, 230) }
```


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

```
.border{ border-color:rgb(118, 239, 230) }
```

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

Here you see how a box with a 4 pixel rgb(118, 239, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 239, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 239, 230);  
box-shadow:4px 4px 4px 4px rgb(118, 239,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6206, 71.2977, 85.8514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 239, 230) }
```

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

```
.background{ background-color: rgb(118,  
239, 230) }
```

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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