

Converting Colors

XYZ(52.3689, 74.6432, 65.4276)

Have a look what the booklet for
XYZ(52.3689, 74.6432, 65.4276)
contains.

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Color

**XYZ(52.4705, 74.7809,
65.7015)**

Conversions

Conversions Part 1

Format	Color
Hex	82F6C7
RGB	130, 246, 199
RGB Percent	51%, 96%, 78%
CMY	0.4902, 0.0353, 0.2196
CMYK	0.47, 0.00, 0.19, 0.04
HSL	156°, 87%, 74%
HSV	156°, 47%, 96%
XYZ	52.4705, 74.7809, 65.7015
YIQ	205.9580, -54.0490, -39.2090

Conversions

Conversions Part 2

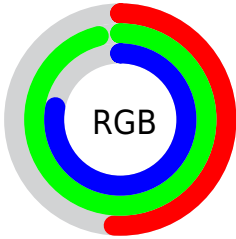
Format	Color
R_{YB}	130, 203, 246
Decimal	8582855
CIE _{Lab}	89.29, -43.67, 12.53
CIE _{LCh}	89, 45.431, 163.991
Yxy	74.7809, 0.2719, 0.3876
Android (android.graphics.Color)	4286772935 (0xFF82F6C7)
YUV	205.9580, -3.4303, -66.6152
Hunter-Lab	86.4760, -43.0255, 15.4866

Details

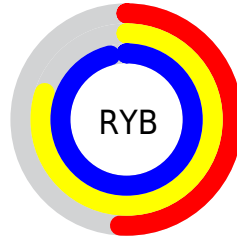
The XYZ color **52.4705, 74.7809, 65.7015** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **53.9270, 38.7343, 46.2320**, and the grayscale version is **58.6871, 61.7434, 67.2385**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **25.8342, 39.7416, 33.0974** is the 20% darker color. If you saturate the color by 10%, you get **48.0192, 72.6175, 59.6493**, and if you desaturate by 10%, it is **57.9036, 77.4456, 72.1987**.

Distribution



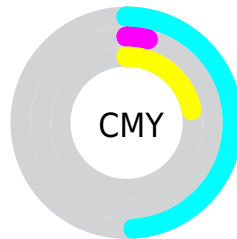
- Red (51%)
- Green (96%)
- Blue (78%)



- Red (51%)
- Yellow (80%)
- Blue (96%)



- Cyan (47%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)





- Cyan (49%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4705, 74.7809, 65.7015 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 52.4705, 74.7809, 65.7015 by changing the saturation by 10% instead.


 52.4705, 74.7809,
65.7015

 52.4705, 74.7809,
65.7015


386.5445,
477.1642, 463.6836


 37.6060, 55.4334,
47.5752


 92.9949, 126.0022,
114.6807

 25.8529, 39.7488,
33.1330


 119.3855,
158.6447, 146.3707

 16.8457, 27.3428,
21.9564


 150.3489,
196.4878, 183.4189

 10.2192, 17.8308,
13.6268

186.2504,
239.9157, 226.2440

 5.6079, 10.8286,
7.7258

227.4553,
289.3129, 275.2645

 2.6465, 5.9517,
3.8348

274.3291,

 0.9697, 2.8157,

345.0638, 330.8989

1.5351

327.2370,
407.5528, 393.5658

0.0000, 1.0363,
0.2439

0.0000, 0.0000,
0.0000

52.4705, 74.7809,
65.7015

52.4705, 74.7809,
65.7015

48.0192, 72.6175,
59.6493

57.9036, 77.4456,
72.1987

44.4769, 70.9122,
54.0263


64.3727, 80.6334,
79.1458

41.7700, 69.6291,
48.8229


71.9350, 84.3758,
86.5543


39.8098, 68.7227,
44.0270

80.6419, 88.6990,
94.4336

 38.4826, 68.1345,
39.6251

 90.5412, 93.6275,
102.7925

 38.1708, 67.9997,
38.4409

 92.2471, 94.3942,
107.9657

Harmonies

Analogous

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



57.2586, 74.7809, 44.8866



52.4705, 74.7809, 65.7015



52.3118, 74.7809, 97.1158

Triad

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



52.4705, 74.7809, 65.7015



76.3636, 74.7809, 156.3113



87.5662, 74.7809, 45.9177

Complementary

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



52.4705, 74.7809, 65.7015



53.9270, 38.7343, 46.2320

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.



93.8659, 74.7809, 67.5201



52.4705, 74.7809, 65.7015



86.9569, 74.7809, 133.7980

Square

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



52.4705, 74.7809, 65.7015



65.3513, 74.7809, 155.4524



93.6319, 74.7809, 99.4730



77.1277, 74.7809, 35.6650

Rectangle

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



52.4705, 74.7809, 65.7015



54.8075, 74.7809, 120.6046



93.6319, 74.7809, 99.4730



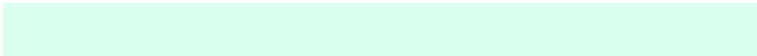
90.2843, 74.7809, 51.8061

Sweetspot

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



52.4725, 74.7839, 65.7032



80.8715, 92.9497, 96.5339



55.4241, 77.0309, 33.0675



16.8900, 19.6868, 20.2737



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.



52.4725, 74.7839, 65.7032



52.1228, 78.8029, 64.7511



55.9344, 71.5857, 98.0617



16.6959, 18.6375, 19.6832



20.4446, 36.3227, 20.8929



1.8477, 3.2127, 2.1040

Inverse Universe

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



53.9270, 38.7343, 46.2320



53.8969, 35.1840, 41.2626



51.3670, 39.8652, 26.1076



16.7774, 16.5938, 18.5744



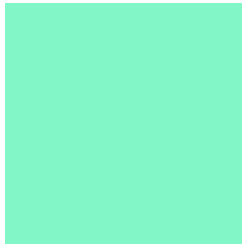
21.5708, 10.9718, 7.7141



1.9454, 0.9841, 0.9388

Previews

White Background



This preview shows how the XYZ color 52.4705, 74.7809, 65.7015 looks on a white background.

Color Contrast Check

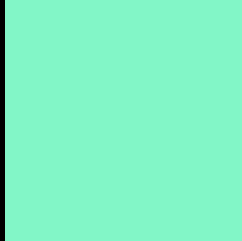
Large Text (above 18pt) WCAG AA × Fail

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 52.4705, 74.7809, 65.7015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

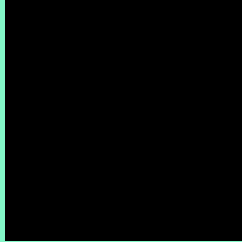
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4705, 74.7809, 65.7015

Background



This preview shows how black text looks on a background with the XYZ color 52.4705, 74.7809, 65.7015.



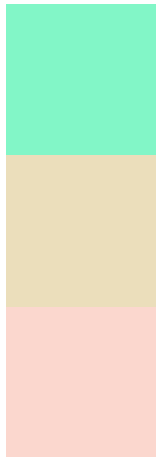
This preview shows how white text looks on a background with the XYZ color 52.4705, 74.7809, 65.7015.

65.7015.

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

52.4705, 74.7809, 65.7015

Protanopia

69.3519, 73.4926, 57.5440

Deuteranopia

75.2247, 73.5663, 68.6275



Tritanopia

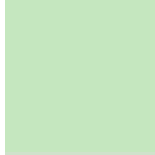
61.4711, 74.5607, 105.7595

Trichromacy



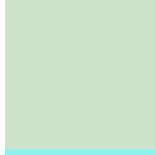
Original Color

52.4705, 74.7809, 65.7015



Protanomaly

61.0058, 72.7837, 60.1235



Deuteranomaly

63.7080, 71.9699, 67.0337



Tritanomaly

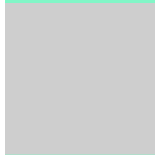
57.8325, 74.3381, 89.8978

Monochromacy



Original Color

52.4705, 74.7809, 65.7015



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

54.9960, 65.4897, 66.2421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4705, 74.7809, 65.7015 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(130, 246, 199)` looks like.

```
.text, #text, p{  
    color:rgb(130, 246, 199)  
}
```

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(130, 246, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 246, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.4705, 74.7809, 65.7015 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(130, 246, 199) }
```


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

```
.border{ border-color:rgb(130, 246, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 246, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 246, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 246, 199);  
box-shadow:4px 4px 4px 4px rgb(130, 246,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4705, 74.7809, 65.7015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 246, 199) }
```

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

```
.background{ background-color: rgb(130,  
246, 199) }
```

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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