

Converting Colors

XYZ(41.1738, 54.6367, 70.3534)

Have a look what the booklet for
XYZ(41.1738, 54.6367, 70.3534)
contains.

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Color

**XYZ(41.3710, 54.9046,
70.7045)**

Conversions

Conversions Part 1

Format	Color
Hex	6AD4D4
RGB	106, 212, 212
RGB Percent	42%, 83%, 83%
CMY	0.5843, 0.1686, 0.1686
CMYK	0.50, 0.00, 0.00, 0.17
HSL	180°, 55%, 62%
HSV	180°, 50%, 83%
XYZ	41.3710, 54.9046, 70.7045
YIQ	180.3060, -63.1760, -22.4720

Conversions

Conversions Part 2

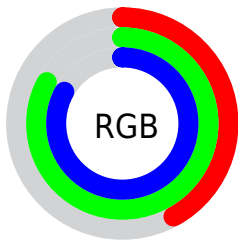
Format	Color
R _{YB}	106, 159, 212
Decimal	7001300
CIE Lab	78.99, -30.50, -9.42
CIE LCh	79, 31.919, 197.168
Yxy	54.9046, 0.2478, 0.3288
Android (android.graphics.Color)	4285191380 (0xFF6AD4D4)
YUV	180.3060, 15.6251, -65.1664
Hunter-Lab	74.0976, -30.0088, -4.7066

Details

The XYZ color **41.3710, 54.9046, 70.7045** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.9088, 25.3474, 16.6902**, and the grayscale version is **43.4912, 45.7562, 49.8285**.

A 20% lighter version of the original color is **69.3270, 86.7393, 107.6962**, and **19.0178, 26.9994, 36.1073** is the 20% darker color. If you saturate the color by 10%, you get **39.1567, 53.7644, 70.6018**, and if you desaturate by 10%, it is **44.2112, 56.3701, 70.8389**.

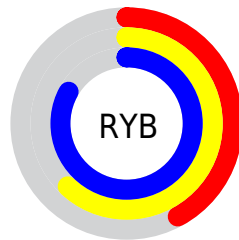
Distribution



Red (42%)

Green (83%)

Blue (83%)



Red (42%)

Yellow (62%)

Blue (83%)

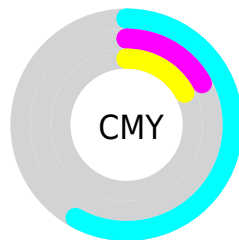


Cyan (50%)

Magenta (0%)

Yellow (0%)

Black (17%)



Cyan (58%)


Magenta (17%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3710, 54.9046, 70.7045 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 41.3710, 54.9046, 70.7045 by changing the saturation by 10% instead.


 41.3710, 54.9046,
70.7045


 41.3710, 54.9046,
70.7045


342.9050,
405.5502, 481.8756


 28.7980, 39.3253,
51.6207


 76.5179, 97.4012,
121.9034

 19.0716, 27.0129,
36.3227


 99.8226, 125.0873,
154.8556

 11.8263, 17.5829,
24.3919


 127.4352,
157.5778, 193.2677

 6.6969, 10.6510,
15.4097

159.7211,
195.2571, 237.5582

 3.3179, 5.8327,
8.9576

197.0457,
238.5096, 288.1458

 1.3240, 2.7436,
4.6171

239.7743,

 0.2011, 0.9994,

287.7197, 345.4488

1.9696

288.2723,
343.2717, 409.8859

■ 0.0000, 0.0000,
0.5365

■ 0.0000, 0.0000,
0.0000

■ 41.3710, 54.9046,
70.7045

■ 41.3710, 54.9046,
70.7045

■ 39.1567, 53.7644,
70.6018

■ 44.2112, 56.3701,
70.8389

■ 37.5168, 52.9190,
70.5248


■ 47.7145, 58.1761,
71.0031


■ 36.3995, 52.3430,
70.4722


■ 51.9208, 60.3445,
71.2003


■ 35.7416, 52.0038,
70.4412


■ 56.8656, 62.8936,
71.4319


 35.4280, 51.8422,
70.4262


 62.5817, 65.8404,
71.6997

 35.4279, 51.8421,
70.4262

 69.1004, 69.2009,
72.0051

 76.4508, 72.9902,
72.3493

 76.6686, 73.1024,
72.3598

 76.6687, 73.1024,
72.3601

Harmonies

Analogous

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



41.1666, 54.9046, 52.3500



41.3710, 54.9046, 70.7045



44.3196, 54.9046, 89.2540

Triad

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



41.3710, 54.9046, 70.7045



61.6573, 54.9046, 86.8332



54.9430, 54.9046, 31.7667

Complementary

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



41.3710, 54.9046, 70.7045



34.9088, 25.3474, 16.6902

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.



60.9303, 54.9046, 37.6372



41.3710, 54.9046, 70.7045



65.0129, 54.9046, 67.8856

Square

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



41.3710, 54.9046, 70.7045



55.8714, 54.9046, 99.7836



64.7365, 54.9046, 50.0462



48.6648, 54.9046, 32.2179

Rectangle

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



41.3710, 54.9046, 70.7045



47.5911, 54.9046, 98.1307



64.7365, 54.9046, 50.0462



57.0658, 54.9046, 33.0065

Sweetspot

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



41.3726, 54.9067, 70.7058



82.3509, 93.4534, 108.3051



32.3027, 51.3033, 21.8370



17.2905, 19.8297, 23.1660



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.



41.3726, 54.9067, 70.7058



59.2890, 81.5646, 107.2239



30.5334, 33.2278, 67.0940



12.7922, 14.1079, 15.9863



21.8707, 32.0036, 43.4761



1.3191, 1.9303, 2.6223

Inverse Universe

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



34.9088, 25.3474, 16.6902



48.3898, 31.7221, 16.1437



41.8514, 39.2327, 19.0039



12.4233, 12.4208, 12.9034



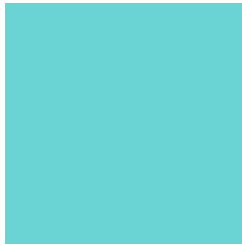
16.7619, 8.6411, 0.7845



1.0110, 0.5212, 0.0473

Previews

White Background



This preview shows how the XYZ color 41.3710, 54.9046, 70.7045 looks on a white background.

Color Contrast Check

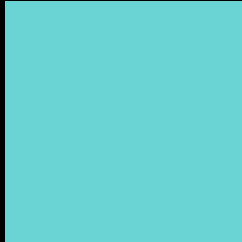
Large Text (above 18pt) WCAG AA × Fail

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 41.3710, 54.9046, 70.7045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

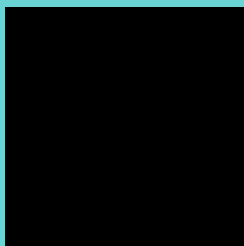
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

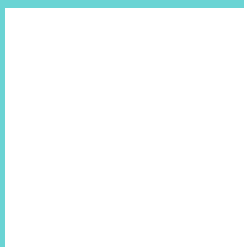
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3710, 54.9046, 70.7045

Background



This preview shows how black text looks on a background with the XYZ color 41.3710, 54.9046, 70.7045.



This preview shows how white text looks on a background with the XYZ color 41.3710, 54.9046,

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

41.3710, 54.9046, 70.7045

Protanopia

52.3775, 54.0927, 62.9387

Deuteranopia

55.3506, 54.1015, 73.1710



Tritanopia

43.4673, 55.0187, 81.0018

Trichromacy



Original Color

41.3710, 54.9046, 70.7045

Protanomaly

46.7780, 53.5029, 65.6192

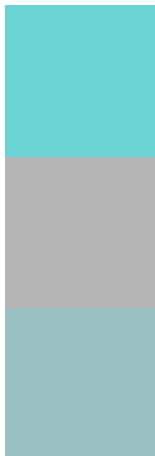
Deuteranomaly

48.3804, 53.1636, 72.0017

Tritanomaly

42.7858, 55.1137, 77.4902

Monochromacy



Original Color

41.3710, 54.9046, 70.7045

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.5009, 48.2773, 57.0003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3710, 54.9046, 70.7045 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(106, 212, 212)` looks like.

```
.text, #text, p{  
    color:rgb(106, 212, 212)  
}
```

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(106, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 212, 212) }
```

Border

The CSS property to change the border of an element to XYZ 41.3710, 54.9046, 70.7045 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(106, 212, 212) }
```


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

```
.border{ border-color:rgb(106, 212, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(106, 212,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3710, 54.9046, 70.7045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 212, 212) }
```

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

```
.background{ background-color: rgb(106,  
212, 212) }
```

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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