

Converting Colors

XYZ(45.2274, 73.5257, 59.4194)

Have a look what the booklet for
XYZ(45.2274, 73.5257, 59.4194)
contains.

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Color

**XYZ(45.2052, 73.4660,
59.3747)**

Conversions

Conversions Part 1

Format	Color
Hex	38FBBC
RGB	56, 251, 188
RGB Percent	22%, 98%, 74%
CMY	0.7804, 0.0157, 0.2627
CMYK	0.78, 0.00, 0.25, 0.02
HSL	161°, 96%, 60%
HSV	161°, 78%, 98%
XYZ	45.2052, 73.4660, 59.3747
YIQ	185.5130, -95.9970, -60.9330

Conversions

Conversions Part 2

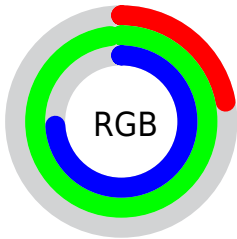
Format	Color
RYB	56, 172, 251
Decimal	3734460
CIELab	88.67, -60.87, 17.07
CIELCh	89, 63.220, 164.337
Yxy	73.4660, 0.2539, 0.4126
Android (android.graphics.Color)	4281924540 (0xFF38FBBC)
YUV	185.5130, 1.2261, -113.5829
Hunter-Lab	85.7123, -55.8545, 18.9272

Details

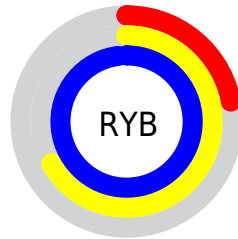
The XYZ color **45.2052, 73.4660, 59.3747** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **44.5302, 24.6714, 19.8712**, and the grayscale version is **46.4341, 48.8523, 53.2001**.

A 20% lighter version of the original color is **61.6049, 82.9572, 98.3534**, and **23.4431, 39.8892, 29.3855** is the 20% darker color. If you saturate the color by 10%, you get **43.2880, 72.5777, 54.8499**, and if you desaturate by 10%, it is **47.8777, 74.7417, 64.1946**.

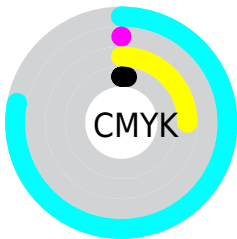
Distribution



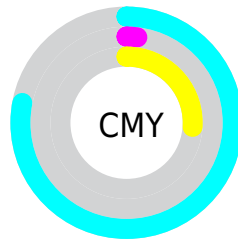
- Red (22%)
- Green (98%)
- Blue (74%)



- Red (22%)
- Yellow (67%)
- Blue (98%)



- Cyan (78%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)





- Cyan (78%)
- Magenta (2%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2052, 73.4660, 59.3747 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 45.2052, 73.4660, 59.3747 by changing the saturation by 10% instead.


 45.2052, 73.4660,
59.3747


 45.2052, 73.4660,
59.3747


358.3737,
472.6283, 440.0296


 31.8211, 54.3571,
42.4928


 82.2634, 124.1385,
105.4565


 21.3797, 38.8872,
29.1589


 106.6682,
156.4709, 135.4936

 13.5159, 26.6720,
18.9545


 135.4772,
193.9800, 170.7527

 7.8642, 17.3270,
11.4609

 169.0559,
237.0500, 211.6526

 4.0592, 10.4679,
6.2597

207.7695,
286.0655, 258.6117

 1.7357, 5.7103,
2.9323

251.9835,

 0.4785, 2.6697,

341.4108, 312.0485

1.0602

302.0631,
403.4702, 372.3816

■ 0.0000, 0.9618,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 45.2052, 73.4660,
59.3747

■ 45.2052, 73.4660,
59.3747

■ 43.2880, 72.5777,
54.8499

■ 47.8777, 74.7417,
64.1946

■ 41.9967, 72.0046,
50.6051

■ 51.3930, 76.4443,
69.3128

■ 41.7453, 71.8957,
49.6607

■ 55.8322, 78.6173,
74.7389

■ 61.2652, 81.2966,
80.4799

67.7548, 84.5147,
86.5425

75.3587, 88.3011,
92.9333

84.1301, 92.6831,
99.6584

93.4491, 97.3412,
106.6923

93.7885, 97.4770,
108.4795

Harmonies

Analogous

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



51.2558, 73.4660, 33.6711



45.2052, 73.4660, 59.3747



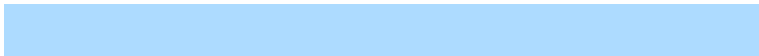
45.0738, 73.4660, 102.6676

Triad

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



45.2052, 73.4660, 59.3747



77.3513, 73.4660, 192.2133



92.9969, 73.4660, 34.4494

Complementary

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



45.2052, 73.4660, 59.3747



44.5302, 24.6714, 19.8712

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.



102.3028, 73.4660, 60.9281



45.2052, 73.4660, 59.3747



92.4168, 73.4660, 156.4445

Square

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



45.2052, 73.4660, 59.3747



62.1984, 73.4660, 191.3117



102.0762, 73.4660, 104.9023



78.0556, 73.4660, 23.2799

Rectangle

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



45.2052, 73.4660, 59.3747



48.2851, 73.4660, 137.3987



102.0762, 73.4660, 104.9023



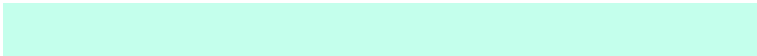
96.9785, 73.4660, 41.3255

Sweetspot

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



45.2072, 73.4689, 59.3764



73.7638, 89.3618, 92.7561



43.0987, 73.3480, 15.6286



15.1982, 18.8334, 19.3467



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.



45.2072, 73.4689, 59.3764



44.0806, 74.8767, 54.4481



44.2472, 58.2114, 100.1741



17.5133, 19.5076, 20.9035



22.0118, 37.8177, 26.4691



2.0872, 3.5220, 2.7069

Inverse Universe

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



44.5302, 24.6714, 19.8712



43.4955, 22.5044, 12.7524



44.0308, 27.8588, 6.7991



17.4757, 17.3177, 19.0950



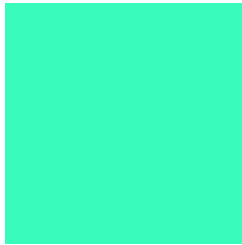
21.7534, 11.1171, 5.4096



2.0611, 1.0482, 0.7450

Previews

White Background



This preview shows how the XYZ color 45.2052, 73.4660, 59.3747 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 45.2052, 73.4660, 59.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

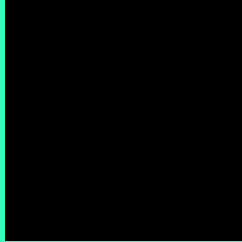
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2052, 73.4660, 59.3747

Background



This preview shows how black text looks on a background with the XYZ color 45.2052, 73.4660, 59.3747.

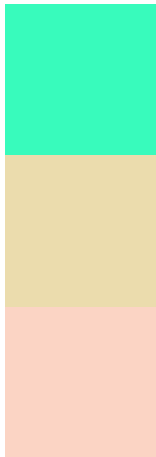


This preview shows how white text looks on a background with the XYZ color 45.2052, 73.4660,

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

45.2052, 73.4660, 59.3747

Protanopia

67.3970, 71.8657, 49.8544

Deuteranopia

73.2910, 71.5817, 62.1784



Tritanopia

57.2287, 72.8047, 105.6442

Trichromacy



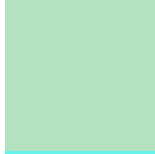
Original Color

45.2052, 73.4660, 59.3747



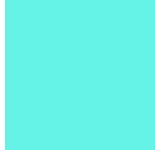
Protanomaly

53.1894, 68.9122, 52.6175



Deuteranomaly

55.6444, 67.9463, 60.6342



Tritanomaly

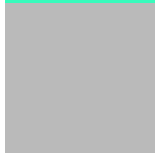
51.8412, 72.6374, 86.8894

Monochromacy



Original Color

45.2052, 73.4660, 59.3747



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

42.6637, 55.1700, 55.4140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2052, 73.4660, 59.3747 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(56, 251, 188)` looks like.

```
.text, #text, p{  
    color:rgb(56, 251, 188)  
}
```

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(56, 251, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 251, 188) }
```

Border

The CSS property to change the border of an element to XYZ 45.2052, 73.4660, 59.3747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

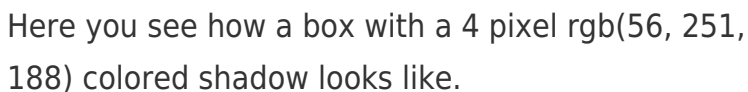
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(56, 251, 188) }
```


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

```
.border{ border-color:rgb(56, 251, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(56, 251, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(56, 251, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(56, 251, 188); box-shadow:4px 4px 4px 4px rgb(56, 251, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2052, 73.4660, 59.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 251, 188) }
```

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

```
.background{ background-color: rgb(56, 251,  
188) }
```

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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