

Converting Colors

XYZ(52.4373, 74.4681, 58.6238)

Have a look what the booklet for
XYZ(52.4373, 74.4681, 58.6238)
contains.

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Color

**XYZ(52.4373, 74.4681,
58.6238)**

Conversions

Conversions Part 1

Format	Color
Hex	8CF5BB
RGB	140, 245, 187
RGB Percent	55%, 96%, 73%
CMY	0.4510, 0.0392, 0.2667
CMYK	0.43, 0.00, 0.24, 0.04
HSL	147°, 84%, 75%
HSV	147°, 43%, 96%
XYZ	52.4373, 74.4681, 58.6238
YIQ	206.9930, -43.9620, -40.2980

Conversions

Conversions Part 2

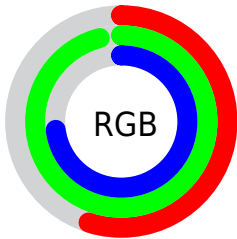
Format	Color
RYB	140, 213, 245
Decimal	9237947
CIELab	89.14, -43.12, 18.58
CIELCh	89, 46.953, 156.694
Yxy	74.4681, 0.2826, 0.4014
Android (android.graphics.Color)	4287428027 (0xFF8CF5BB)
YUV	206.9930, -9.8565, -58.7529
Hunter-Lab	86.2949, -42.5501, 20.1282

Details

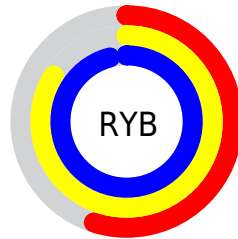
The XYZ color **52.4373, 74.4681, 58.6238** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.2298, 42.2476, 58.5673**, and the grayscale version is **59.3871, 62.4799, 68.0406**.

A 20% lighter version of the original color is **75.2264, 89.9968, 98.2003**, and **25.8536, 39.5267, 28.8210** is the 20% darker color. If you saturate the color by 10%, you get **47.3785, 72.0218, 51.1777**, and if you desaturate by 10%, it is **58.5557, 77.4489, 66.8356**.

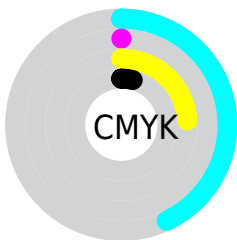
Distribution



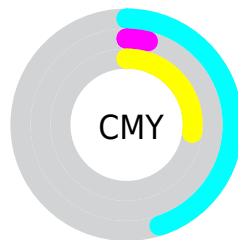
- Red (55%)
- Green (96%)
- Blue (73%)



- Red (55%)
- Yellow (84%)
- Blue (96%)



- Cyan (43%)
- Magenta (0%)
- Yellow (24%)
- Black (4%)





- Cyan (45%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4373, 74.4681, 58.6238 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 52.4373, 74.4681, 58.6238 by changing the saturation by 10% instead.


 52.4373, 74.4681,
58.6238


 52.4373, 74.4681,
58.6238


386.4188,
476.0874, 437.1694

 37.5794, 55.1772,
41.8923


 92.9463, 125.5591,
104.3544

 25.8322, 39.5437,
28.6921


 119.3281,
158.1281, 134.1907

 16.8301, 27.1829,
18.6044


150.2819,
195.8920, 169.2323

 10.2080, 17.7106,
11.2109

186.1731,
239.2350, 209.8978

 5.6004, 10.7424,
6.0929

227.3670,
288.5417, 256.6057

 2.6420, 5.8939,
2.8320

274.2291,

 0.9674, 2.7807,

344.1964, 309.7745

1.0095

327.1245,
406.5835, 369.8229

0.0000, 1.0183,
0.0000

0.0000, 0.0000,
0.0000

52.4373, 74.4681,
58.6238

52.4373, 74.4681,
58.6238

47.3785, 72.0218,
51.1777

58.5557, 77.4489,
66.8356

43.3077, 70.0675,
44.4695


65.7874, 80.9854,
75.8296


40.1540, 68.5711,
38.4770


74.1894, 85.1086,
85.6282

37.8331, 67.4896,
33.1749

83.8129, 89.8445,
96.2513

 36.2438, 66.7713,
28.5357

 91.8909, 93.7664,
107.5863

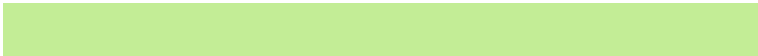
 35.4501, 66.4260,
25.6097

 91.9438, 93.7875,
107.8646

Harmonies

Analogous

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



58.4315, 74.4681, 40.3304



52.4373, 74.4681, 58.6238



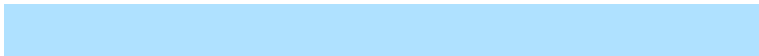
51.1020, 74.4681, 88.6513

Triad

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



52.4373, 74.4681, 58.6238



73.3752, 74.4681, 161.1328



89.9250, 74.4681, 48.9621

Complementary

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



52.4373, 74.4681, 58.6238



57.2298, 42.2476, 58.5673

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.



94.9537, 74.4681, 73.9584



52.4373, 74.4681, 58.6238



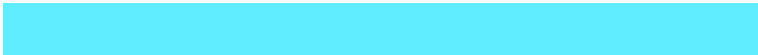
84.7555, 74.4681, 142.8188

Square

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



52.4373, 74.4681, 58.6238



62.4280, 74.4681, 153.8004



92.9668, 74.4681, 108.6509



79.8449, 74.4681, 35.8934

Rectangle

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



52.4373, 74.4681, 58.6238



52.8887, 74.4681, 112.8066



92.9668, 74.4681, 108.6509



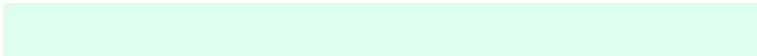
92.3090, 74.4681, 55.9458

Sweetspot

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



52.4393, 74.4711, 58.6255



81.0788, 93.1221, 93.5832



61.0746, 79.4122, 36.9211



16.8954, 19.7066, 19.5069



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.



52.4393, 74.4711, 58.6255



52.7742, 79.3018, 57.4132



58.9027, 77.0565, 92.6612



16.5905, 18.5953, 19.1279



19.1643, 35.8106, 14.1510



1.7353, 3.1678, 1.5121

Inverse Universe

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



57.2298, 42.2476, 58.5673



58.6211, 39.9361, 57.3152



52.3029, 40.2769, 32.6224



16.8823, 16.6358, 19.1266



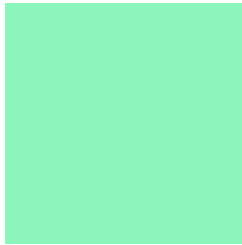
22.7257, 11.4337, 13.7959



2.0491, 1.0256, 1.4850

Previews

White Background



This preview shows how the XYZ color 52.4373, 74.4681, 58.6238 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 52.4373, 74.4681, 58.6238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

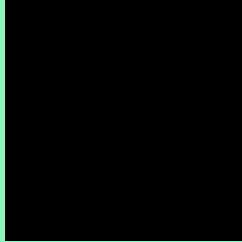
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4373, 74.4681, 58.6238

Background



This preview shows how black text looks on a background with the XYZ color 52.4373, 74.4681, 58.6238.



This preview shows how white text looks on a background with the XYZ color 52.4373, 74.4681, 58.6238.

58.6238.

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

52.4373, 74.4681, 58.6238

Protanopia

68.8828, 73.3817, 51.6079

Deuteranopia

75.0242, 73.2482, 61.2230



Tritanopia

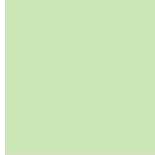
61.7558, 74.2788, 105.6901

Trichromacy



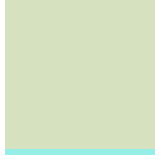
Original Color

52.4373, 74.4681, 58.6238



Protanomaly

60.8922, 72.4455, 53.9540



Deuteranomaly

63.7698, 71.7581, 59.7799



Tritanomaly

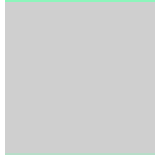
57.7271, 73.9302, 86.0903

Monochromacy



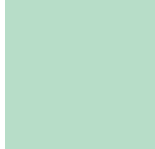
Original Color

52.4373, 74.4681, 58.6238



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

55.8102, 65.9503, 64.4318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4373, 74.4681, 58.6238 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(140, 245, 187)` looks like.

```
.text, #text, p{  
    color:rgb(140, 245, 187)  
}
```

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(140, 245, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 245, 187) }
```

Border

The CSS property to change the border of an element to XYZ 52.4373, 74.4681, 58.6238 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(140, 245, 187) }
```


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

```
.border{ border-color:rgb(140, 245, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 245, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 245, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 245, 187);  
box-shadow:4px 4px 4px 4px rgb(140, 245,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4373, 74.4681, 58.6238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 245, 187) }
```

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

```
.background{ background-color: rgb(140,  
245, 187) }
```

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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