

Converting Colors

XYZ(53.0314, 74.2902, 64.6323)

Have a look what the booklet for
XYZ(53.0314, 74.2902, 64.6323)
contains.

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Color

**XYZ(52.9100, 74.1359,
64.3443)**

Conversions

Conversions Part 1

Format	Color
Hex	8AF4C5
RGB	138, 244, 197
RGB Percent	54%, 96%, 77%
CMY	0.4588, 0.0431, 0.2274
CMYK	0.43, 0.00, 0.19, 0.04
HSL	153°, 83%, 75%
HSV	153°, 43%, 96%
XYZ	52.9100, 74.1359, 64.3443
YIQ	206.9480, -48.0890, -37.0890

Conversions

Conversions Part 2

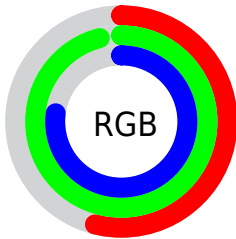
Format	Color
R _{YB}	138, 206, 244
Decimal	9106629
CIE Lab	88.99, -41.22, 13.18
CIE LCh	89, 43.273, 162.271
Yxy	74.1359, 0.2765, 0.3874
Android (android.graphics.Color)	4287296709 (0xFF8AF4C5)
YUV	206.9480, -4.9044, -60.4674
Hunter-Lab	86.1022, -40.9902, 15.9640

Details

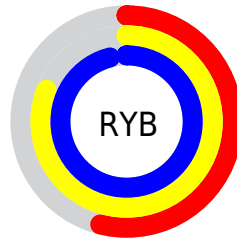
The XYZ color **52.9100, 74.1359, 64.3443** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **55.1562, 40.9147, 50.8922**, and the grayscale version is **59.3292, 62.4189, 67.9742**.

A 20% lighter version of the original color is **76.4143, 90.4115, 107.1896**, and **26.0365, 39.2293, 32.1863** is the 20% darker color. If you saturate the color by 10%, you get **48.1222, 71.8078, 57.8801**, and if you desaturate by 10%, it is **58.6976, 76.9731, 71.3230**.

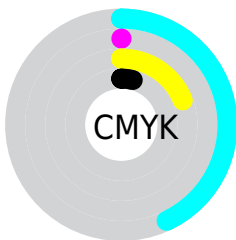
Distribution



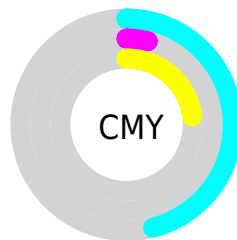
- Red (54%)
- Green (96%)
- Blue (77%)



- Red (54%)
- Yellow (81%)
- Blue (96%)



- Cyan (43%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)




- Cyan (46%)
- Magenta (4%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9100, 74.1359, 64.3443 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 52.9100, 74.1359, 64.3443 by changing the saturation by 10% instead.


 52.9100, 74.1359,
64.3443


 52.9100, 74.1359,
64.3443


388.2062,
474.9423, 458.6735

 37.9581, 54.9053,
46.4816


 93.6382, 125.0884,
112.7109

 26.1273, 39.3259,
32.2746


 120.1453,
157.5791, 144.0518

 17.0520, 27.0133,
21.3048


151.2348,
195.2587, 180.7227

 10.3671, 17.5832,
13.1536

187.2721,
238.5114, 223.1419

 5.7072, 10.6512,
7.4024

228.6225,
287.7217, 271.7280

 2.7068, 5.8328,
3.6328

275.6514,

 1.0007, 2.7437,

343.2740, 326.8997

1.4261

328.7242,
405.5528, 389.0753

■ 0.0000, 0.9994,
0.1620

■ 0.0000, 0.0000,
0.0000

■ 52.9100, 74.1359,
64.3443

■ 52.9100, 74.1359,
64.3443

■ 48.1222, 71.8078,
57.8801

■ 58.6976, 76.9731,
71.3230

■ 44.2649, 69.9474,
51.9128


■ 65.5365, 80.3397,
78.8232


■ 41.2689, 68.5212,
46.4307


■ 73.4818, 84.2661,
86.8583


■ 39.0526, 67.4872,
41.4195

■ 82.5828, 88.7773,
95.4394

 37.5164, 66.7945,
36.8640

 91.0203, 92.9354,
104.4900

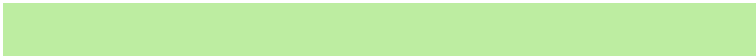
 36.7825, 66.4762,
34.1142

 91.6420, 93.1841,
107.7640

Harmonies

Analogous

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



57.7227, 74.1359, 45.0137



52.9100, 74.1359, 64.3443



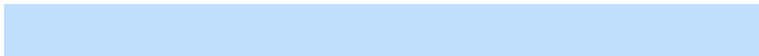
52.4995, 74.1359, 93.6614

Triad

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



52.9100, 74.1359, 64.3443



74.8481, 74.1359, 151.5356



86.5056, 74.1359, 47.7067

Complementary

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



52.9100, 74.1359, 64.3443



55.1562, 40.9147, 50.8922

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.



92.1199, 74.1359, 69.0317



52.9100, 74.1359, 64.3443



84.9543, 74.1359, 131.5857

Square

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



52.9100, 74.1359, 64.3443



64.4858, 74.1359, 149.3746



91.5255, 74.1359, 99.6653



76.8006, 74.1359, 37.1816

Rectangle

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



52.9100, 74.1359, 64.3443



54.7166, 74.1359, 115.7451



91.5255, 74.1359, 99.6653



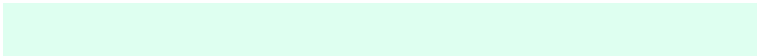
88.9752, 74.1359, 53.5886

Sweetspot

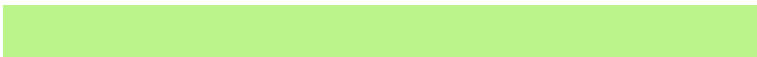
The Sweet Spot groups the original color and five complimentary colors.



52.9120, 74.1389, 64.3460



81.6112, 93.3351, 96.3867



57.1175, 76.9412, 35.8866



17.0266, 19.7591, 20.1979



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

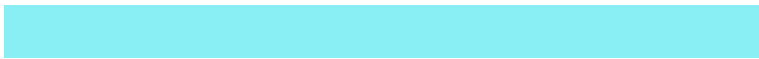
The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.9120, 74.1389, 64.3460



53.8298, 79.6816, 64.8890



57.5916, 73.4955, 96.7422



16.6684, 18.6265, 19.5379



20.0694, 36.1726, 18.9169



1.8156, 3.1999, 1.9348

Inverse Universe

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



55.1562, 40.9147, 50.8922



56.6094, 38.6218, 48.2930



51.7655, 40.8050, 29.1937



16.8044, 16.6046, 18.7168



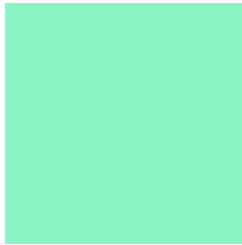
21.8298, 11.0754, 9.0783



1.9695, 0.9938, 1.0657

Previews

White Background



This preview shows how the XYZ color 52.9100, 74.1359, 64.3443 looks on a white background.

Color Contrast Check

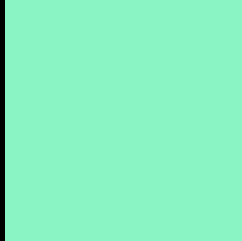
Large Text (above 18pt) WCAG AA × Fail

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 52.9100, 74.1359, 64.3443 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 52.9100, 74.1359, 64.3443

Background



This preview shows how black text looks on a background with the XYZ color 52.9100, 74.1359, 64.3443.

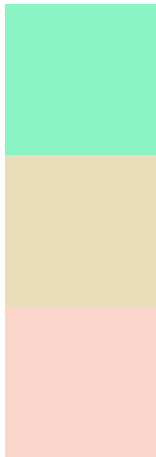


This preview shows how white text looks on a background with the XYZ color 52.9100, 74.1359,

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

52.9100, 74.1359, 64.3443

Protanopia

68.9159, 73.2801, 56.9666

Deuteranopia

74.6097, 72.9142, 66.6414



Tritanopia

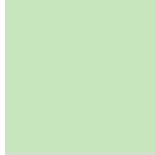
61.1823, 73.9832, 105.6633

Trichromacy



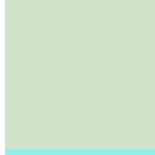
Original Color

52.9100, 74.1359, 64.3443



Protanomaly

61.1443, 72.4534, 59.4775



Deuteranomaly

64.0462, 71.7691, 65.7356



Tritanomaly

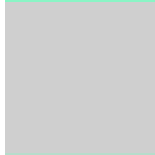
57.9305, 73.9694, 89.0662

Monochromacy



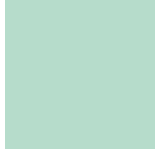
Original Color

52.9100, 74.1359, 64.3443



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

55.6641, 65.4433, 66.1979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9100, 74.1359, 64.3443 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(138, 244, 197)` looks like.

```
.text, #text, p{  
    color:rgb(138, 244, 197)  
}
```

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(138, 244, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 244, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.9100, 74.1359, 64.3443 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(138, 244, 197) }
```


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

```
.border{ border-color:rgb(138, 244, 197) }
```

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

Here you see how a box with a 4 pixel rgb(138, 244, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 244, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 244, 197);  
box-shadow:4px 4px 4px 4px rgb(138, 244,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9100, 74.1359, 64.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 244, 197) }
```

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

```
.background{ background-color: rgb(138,  
244, 197) }
```

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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