

Converting Colors

XYZ(52.8604, 76.0327, 58.8985)

Have a look what the booklet for
XYZ(52.8604, 76.0327, 58.8985)
contains.

XYZ(52.8536, 76.0410, 58.9054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.8536, 76.0410,
58.9054)**

Conversions

Conversions Part 1

Format	Color
Hex	89F8BB
RGB	137, 248, 187
RGB Percent	54%, 97%, 73%
CMY	0.4627, 0.0274, 0.2667
CMYK	0.45, 0.00, 0.25, 0.03
HSL	147°, 89%, 75%
HSV	147°, 45%, 97%
XYZ	52.8536, 76.0410, 58.9054
YIQ	207.8570, -46.5750, -42.5030

Conversions

Conversions Part 2

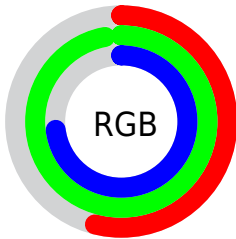
Format	Color
RYB	137, 214, 248
Decimal	9042107
CIELab	89.88, -45.21, 19.58
CIELCh	90, 49.267, 156.578
Yxy	76.0410, 0.2814, 0.4049
Android (android.graphics.Color)	4287232187 (0xFF89F8BB)
YUV	207.8570, -10.2825, -62.1416
Hunter-Lab	87.2015, -44.4122, 20.9901

Details

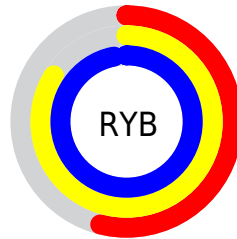
The XYZ color **52.8536, 76.0410, 58.9054** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.8527, 41.9268, 58.4727**, and the grayscale version is **59.9494, 63.0714, 68.6848**.

A 20% lighter version of the original color is **74.4433, 89.5932, 98.1637**, and **26.1583, 40.6451, 29.0209** is the 20% darker color. If you saturate the color by 10%, you get **47.8556, 73.6272, 51.4138**, and if you desaturate by 10%, it is **58.9284, 78.9981, 67.1737**.

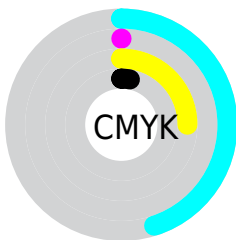
Distribution



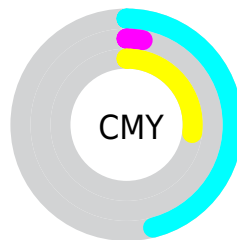
- Red (54%)
- Green (97%)
- Blue (73%)



- Red (54%)
- Yellow (84%)
- Blue (97%)



- Cyan (45%)
- Magenta (0%)
- Yellow (25%)
- Black (3%)





- Cyan (46%)
- Magenta (3%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8536, 76.0410, 58.9054 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 52.8536, 76.0410, 58.9054 by changing the saturation by 10% instead.


 52.8536, 76.0410,
58.9054


 52.8536, 76.0410,
58.9054


387.9933,
481.4880, 438.2434

 37.9129, 56.4661,
42.1175

 93.5557, 127.7849,
104.7679

 26.0920, 40.5768,
28.8670


 120.0478,
160.7226, 134.6796

 17.0255, 27.9885,
18.7355


151.1212,
198.8835, 169.8029

 10.3481, 18.3170,
11.3045

187.1411,
242.6519, 210.5565

 5.6944, 11.1778,
6.1553

228.4729,
292.4121, 257.3587

 2.6990, 6.1866,
2.8694

275.4819,

 0.9967, 2.9589,

348.5486, 310.6283

1.0283

328.5336,
411.4458, 370.7836

■ 0.0000, 1.1103,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.8536, 76.0410,
58.9054

■ 52.8536, 76.0410,
58.9054

■ 47.8556, 73.6272,
51.4138

■ 58.9284, 78.9981,
67.1737

■ 43.8596, 71.7123,
44.6704

■ 66.1364, 82.5208,
76.2355

■ 40.7905, 70.2601,
38.6523

■ 74.5370, 86.6416,
86.1139

■ 38.5589, 69.2251,
33.3336

■ 84.1838, 91.3874,
96.8292

■ 37.0559, 68.5516,
28.6860

■ 92.8588, 95.6176,
108.1696

■ 36.4773, 68.3010,
26.5058

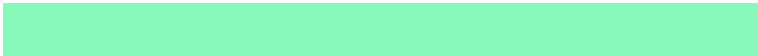
Harmonies

Analogous

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



59.2040, 76.0410, 39.7870



52.8536, 76.0410, 58.9054



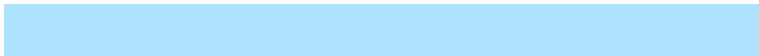
51.4262, 76.0410, 90.7152

Triad

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



52.8536, 76.0410, 58.9054



74.9895, 76.0410, 168.8411



92.7483, 76.0410, 48.9279

Complementary

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



52.8536, 76.0410, 58.9054



57.8527, 41.9268, 58.4727

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.



98.1106, 76.0410, 75.3511



52.8536, 76.0410, 58.9054



87.1401, 76.0410, 149.1390

Square

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



52.8536, 76.0410, 58.9054



63.3640, 76.0410, 160.7996



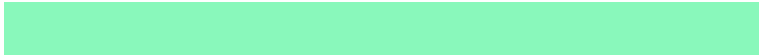
95.9511, 76.0410, 112.4033



81.9839, 76.0410, 35.2590

Rectangle

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



52.8536, 76.0410, 58.9054



53.2971, 76.0410, 116.5566



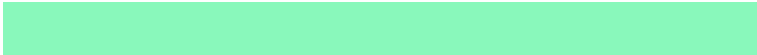
95.9511, 76.0410, 112.4033



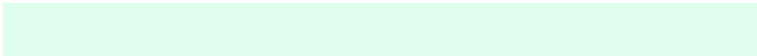
95.2944, 76.0410, 56.2784

Sweetspot

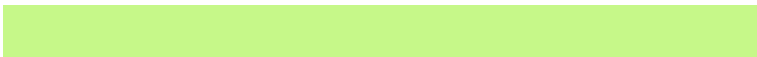
The Sweet Spot groups the original color and five complimentary colors.



52.8556, 76.0441, 58.9071



81.0925, 93.1276, 93.6553



61.3872, 80.9568, 36.0587



16.8988, 19.7079, 19.5246



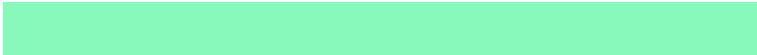
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.8556, 76.0441, 58.9071



51.3061, 78.5906, 55.2859



59.9811, 78.8943, 96.4295



17.3424, 19.4392, 20.0036



19.7727, 36.9221, 14.6784



1.8839, 3.4407, 1.6364

Inverse Universe

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



57.8527, 41.9268, 58.4727



57.2591, 37.9017, 54.7351



52.5831, 39.8190, 30.7237



17.6438, 17.3849, 19.9799



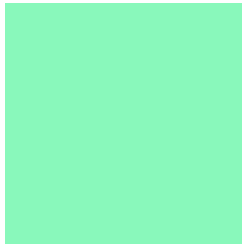
23.3955, 11.7739, 14.0571



2.2203, 1.1118, 1.5834

Previews

White Background



This preview shows how the XYZ color 52.8536, 76.0410, 58.9054 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 52.8536, 76.0410, 58.9054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

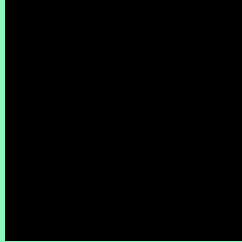
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8536, 76.0410, 58.9054

Background



This preview shows how black text looks on a background with the XYZ color 52.8536, 76.0410, 58.9054.

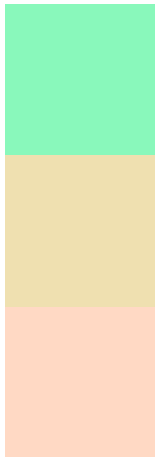


This preview shows how white text looks on a background with the XYZ color 52.8536, 76.0410,

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

52.8536, 76.0410, 58.9054

Protanopia

70.0887, 74.7966, 51.8174

Deuteranopia

76.0167, 74.8712, 62.6696



Tritanopia

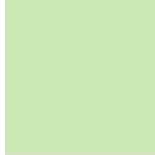
63.2345, 75.4698, 105.8421

Trichromacy



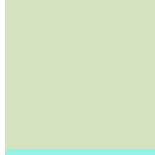
Original Color

52.8536, 76.0410, 58.9054



Protanomaly

61.7343, 74.1297, 54.2347



Deuteranomaly

64.5204, 73.3341, 61.2064



Tritanomaly

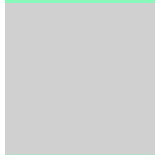
58.8751, 75.3961, 86.3128

Monochromacy



Original Color

52.8536, 76.0410, 58.9054



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

56.1044, 66.8906, 64.5977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8536, 76.0410, 58.9054 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(137, 248, 187)` looks like.

```
.text, #text, p{  
    color:rgb(137, 248, 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(137, 248, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 248, 187) }
```

Border

The CSS property to change the border of an element to XYZ 52.8536, 76.0410, 58.9054 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(137, 248, 187) }
```


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

```
.border{ border-color:rgb(137, 248, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 248, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 248, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 248, 187);  
box-shadow:4px 4px 4px 4px rgb(137, 248,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8536, 76.0410, 58.9054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 248, 187) }
```

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

```
.background{ background-color: rgb(137,  
248, 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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