

Converting Colors

XYZ(53.9843, 72.5409, 59.9209)

Have a look what the booklet for
XYZ(53.9843, 72.5409, 59.9209)
contains.

| | |
|--|----|
| XYZ(54.0654, 72.6188, 59.8825) | 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(54.0654, 72.6188,
59.8825)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9DEFBE |
| RGB | 157, 239, 190 |
| RGB Percent | 62%, 94%, 75% |
| CMY | 0.3843, 0.0627, 0.2549 |
| CMYK | 0.34, 0.00, 0.21, 0.06 |
| HSL | 144°, 72%, 78% |
| HSV | 144°, 34%, 94% |
| XYZ | 54.0654, 72.6188, 59.8825 |
| YIQ | 208.8960, -33.1430, -32.6230 |

Conversions

Conversions Part 2

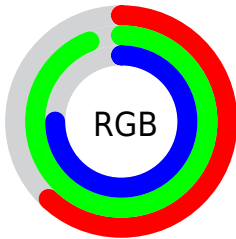
| Format | Color |
|-------------------------------------|--|
| RYB | 157, 215, 239 |
| Decimal | 10350526 |
| CIELab | 88.27, -35.14, 15.91 |
| CIELCh | 88, 38.571, 155.644 |
| Yxy | 72.6188, 0.2898, 0.3892 |
| Android (android.graphics.Color) | 4288540606 (0xFF9DEFBE) |
| YUV | 208.8960, -9.3157, -45.5128 |
| Hunter-Lab | 85.2167, -35.8805, 17.9881 |

Details

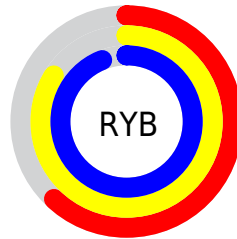
The XYZ color **54.0654, 72.6188, 59.8825** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.7966, 46.9226, 64.3535**, and the grayscale version is **60.6124, 63.7690, 69.4444**.

A 20% lighter version of the original color is **80.1261, 92.4700, 100.8142**, and **26.9283, 38.4979, 29.6785** is the 20% darker color. If you saturate the color by 10%, you get **48.3655, 69.8540, 51.8631**, and if you desaturate by 10%, it is **60.8343, 75.9210, 68.7536**.

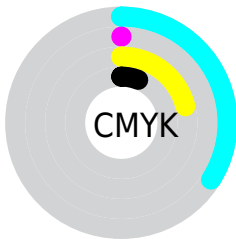
Distribution



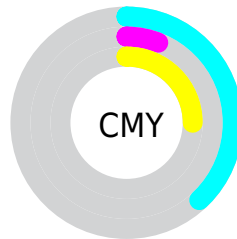
- Red (62%)
- Green (94%)
- Blue (75%)



- Red (62%)
- Yellow (84%)
- Blue (94%)



- Cyan (34%)
- Magenta (0%)
- Yellow (21%)
- Black (6%)





- Cyan (38%)
- Magenta (6%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0654, 72.6188, 59.8825 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 54.0654, 72.6188, 59.8825 by changing the saturation by 10% instead.

 54.0654, 72.6188,
59.8825


 54.0654, 72.6188,
59.8825


392.5536,
469.6926, 441.9571

 38.8848, 53.6643,
42.8993


 95.3266, 122.9359,
106.2009

 26.8505, 38.3334,
29.4753


 122.1379,
155.0673, 136.3731

 17.5970, 26.2415,
19.1920


153.5569,
192.3598, 171.7788

 10.7589, 17.0044,
11.6309

189.9488,
235.1978, 212.8364

 5.9711, 10.2376,
6.3734

231.6791,
283.9657, 259.9645

 2.8680, 5.5568,
3.0010

279.1131,

 1.0843, 2.5775,

339.0478, 313.5816

1.0951

332.6162,
400.8287, 374.1063

■ 0.0120, 0.9154,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0654, 72.6188,
59.8825

■ 54.0654, 72.6188,
59.8825

■ 48.3655, 69.8540,
51.8631

■ 60.8343, 75.9210,
68.7536

■ 43.6710, 67.5884,
44.6650

■ 68.7195, 79.7785,
78.4960

■ 39.9202, 65.7926,
38.2629

■ 77.7728, 84.2195,
89.1346

■ 37.0419, 64.4305,
32.6283

■ 88.0405, 89.2676,
100.6920

■ 34.9541, 63.4604,
27.7310

■ 90.1579, 90.2157,
107.2693

■ 33.5572, 62.8317,
23.5381

■ 32.9876, 62.5836,
21.4515

Harmonies

Analogous

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



59.1754, 72.6188, 44.5020



54.0654, 72.6188, 59.8825



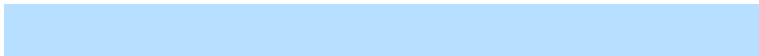
52.8045, 72.6188, 84.1810

Triad

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



54.0654, 72.6188, 59.8825



70.7844, 72.6188, 141.3016



84.4944, 72.6188, 52.9646

Complementary

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



54.0654, 72.6188, 59.8825



58.7966, 46.9226, 64.3535

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.



88.2603, 72.6188, 74.1693



54.0654, 72.6188, 59.8825



79.9045, 72.6188, 128.0603

Square

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



54.0654, 72.6188, 59.8825



61.9494, 72.6188, 135.0877



86.5101, 72.6188, 101.9711



76.6134, 72.6188, 41.1765

Rectangle

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



54.0654, 72.6188, 59.8825



54.2089, 72.6188, 103.2040



86.5101, 72.6188, 101.9711



86.3141, 72.6188, 59.0255

Sweetspot

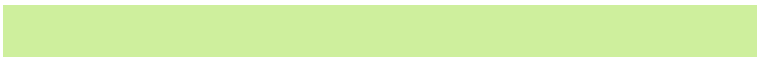
The Sweet Spot groups the original color and five complimentary colors.



54.0674, 72.6218, 59.8841



83.9257, 94.5375, 96.0769



62.4640, 77.3211, 43.5314



17.6530, 20.0826, 20.1969



0.0000, 0.0000, 0.0000



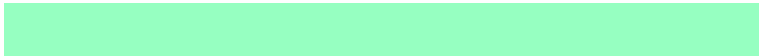
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0674, 72.6218, 59.8841



57.9932, 81.8758, 62.9210



59.1690, 74.6625, 86.7493



15.8295, 17.7618, 18.1249



18.2897, 34.6079, 12.1744



1.5695, 2.8982, 1.2652

Inverse Universe

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



58.7966, 46.9226, 64.3535



64.2192, 48.0169, 68.7852



54.4654, 45.1901, 41.5458



16.1693, 15.9174, 18.4479



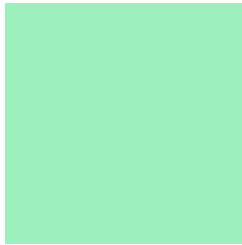
22.4704, 11.2606, 15.6596



1.9184, 0.9564, 1.5611

Previews

White Background



This preview shows how the XYZ color 54.0654, 72.6188, 59.8825 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 54.0654, 72.6188, 59.8825 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 54.0654, 72.6188, 59.8825

Background



This preview shows how black text looks on a background with the XYZ color 54.0654, 72.6188, 59.8825.



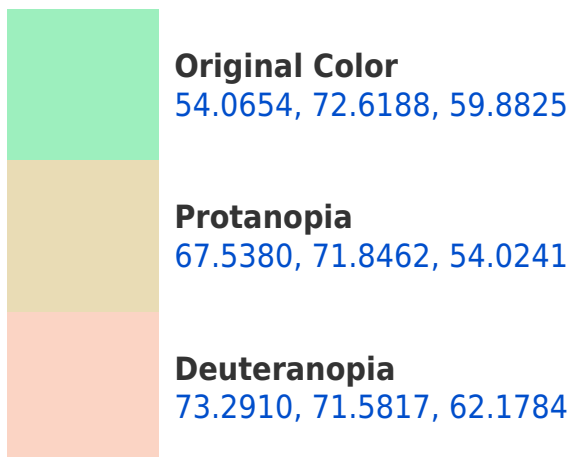
This preview shows how white text looks on a background with the XYZ color 54.0654, 72.6188, 59.8825.

59.8825.

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





Tritanopia

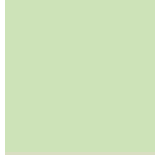
62.2524, 72.5374, 100.3426

Trichromacy



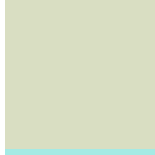
Original Color

54.0654, 72.6188, 59.8825



Protanomaly

61.2977, 71.3780, 55.8940



Deuteranomaly

64.4742, 70.8893, 61.3238



Tritanomaly

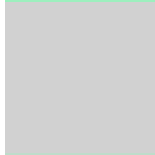
58.9435, 72.4464, 84.2757

Monochromacy



Original Color

54.0654, 72.6188, 59.8825



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.4891, 66.3978, 65.6632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0654, 72.6188, 59.8825 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(157, 239, 190)` looks like.

```
.text, #text, p{  
    color:rgb(157, 239, 190)  
}
```

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(157, 239, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 239, 190) }
```

Border

The CSS property to change the border of an element to XYZ 54.0654, 72.6188, 59.8825 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(157, 239, 190) }
```


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

```
.border{ border-color:rgb(157, 239, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 239, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 239, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 239, 190);  
box-shadow:4px 4px 4px 4px rgb(157, 239,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0654, 72.6188, 59.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 239, 190) }
```

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

```
.background{ background-color: rgb(157,  
239, 190) }
```

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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