

Converting Colors

XYZ(54.2913, 69.0953, 76.5103)

Have a look what the booklet for
XYZ(54.2913, 69.0953, 76.5103)
contains.

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Color

**XYZ(54.1797, 68.8892,
76.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	98E7DA
RGB	152, 231, 218
RGB Percent	60%, 91%, 85%
CMY	0.4039, 0.0941, 0.1451
CMYK	0.34, 0.00, 0.06, 0.09
HSL	170°, 62%, 75%
HSV	170°, 34%, 91%
XYZ	54.1797, 68.8892, 76.7710
YIQ	205.8970, -42.9110, -20.7910

Conversions

Conversions Part 2

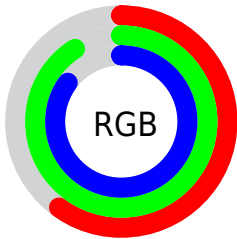
Format	Color
RYB	152, 195, 231
Decimal	10020826
CIELab	86.45, -27.02, -1.37
CIElCh	86, 27.051, 182.909
Yxy	68.8892, 0.2711, 0.3447
Android (android.graphics.Color)	4288210906 (0xFF98E7DA)
YUV	205.8970, 5.9668, -47.2677
Hunter-Lab	82.9995, -28.7295, 3.2590

Details

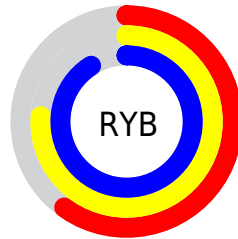
The XYZ color **54.1797, 68.8892, 76.7710** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.9772, 42.1639, 41.0517**, and the grayscale version is **58.5846, 61.6356, 67.1212**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **26.8706, 35.8457, 40.1530** is the 20% darker color. If you saturate the color by 10%, you get **49.7787, 66.6790, 73.9987**, and if you desaturate by 10%, it is **59.4381, 71.5436, 79.6459**.

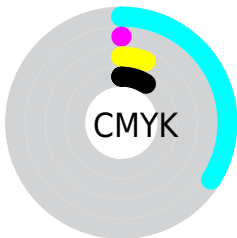
Distribution



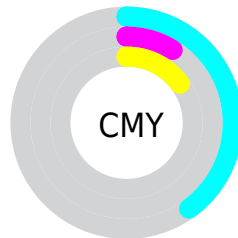
- Red (60%)
- Green (91%)
- Blue (85%)



- Red (60%)
- Yellow (76%)
- Blue (91%)



- Cyan (34%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)





- Cyan (40%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1797, 68.8892, 76.7710 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 54.1797, 68.8892, 76.7710 by changing the saturation by 10% instead.


 54.1797, 68.8892,
76.7710


 54.1797, 68.8892,
76.7710


392.9821,
456.6401, 503.3998

 38.9766, 50.6215,
56.5545


 95.4934, 117.6233,
130.5862

 26.9222, 35.9075,
40.2407

 122.3347,
148.8585, 165.0220

 17.6511, 24.3627,
27.4111


153.7861,
185.1849, 205.0347

 10.7979, 15.6029,
17.6470

190.2129,
226.9870, 251.0428

 5.9974, 9.2436,
10.5300

231.9806,
274.6492, 303.4648

 2.8841, 4.9004,
5.6416

279.4545,

 1.0928, 2.1890,

328.5559, 362.7193

2.5632

332.9998,
389.0914, 429.2248

0.0191, 0.7140,
0.8734

0.0000, 0.0000,
0.0000

54.1797, 68.8892,
76.7710

54.1797, 68.8892,
76.7710

49.7787, 66.6790,
73.9987

59.4381, 71.5436,
79.6459

46.1799, 64.8793,
71.3217

65.5930, 74.6571,
82.6213

43.3312, 63.4649,
68.7387

72.6885, 78.2542,
85.7011

41.1715, 62.4045,
66.2462

80.7639, 82.3550,
88.8875

■ 39.6301, 61.6615,
63.8407

■ 85.1049, 84.5294,
91.9602

■ 38.6208, 61.1916,
61.5176

■ 85.6665, 84.7540,
94.9175

■ 38.2009, 61.0038,
60.2040

■ 86.2400, 84.9834,
97.9373

■ 86.8254, 85.2175,
101.0199

■ 87.4227, 85.4565,
104.1656

Harmonies

Analogous

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



55.3378, 68.8892, 60.3834



54.1797, 68.8892, 76.7710



55.8855, 68.8892, 95.3330

Triad

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



54.1797, 68.8892, 76.7710



72.2348, 68.8892, 107.8202



71.1114, 68.8892, 48.3207

Complementary

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



54.1797, 68.8892, 76.7710



50.9772, 42.1639, 41.0517

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.



76.1079, 68.8892, 57.8000



54.1797, 68.8892, 76.7710



76.7849, 68.8892, 91.8231

Square

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



54.1797, 68.8892, 76.7710



66.0896, 68.8892, 114.9589



78.2450, 68.8892, 73.2734



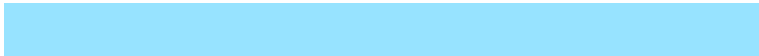
64.8684, 68.8892, 45.5867

Rectangle

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



54.1797, 68.8892, 76.7710



58.4849, 68.8892, 105.9931



78.2450, 68.8892, 73.2734



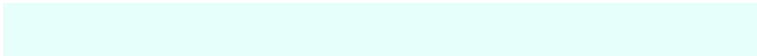
73.0056, 68.8892, 50.7405

Sweetspot

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



54.1817, 68.8920, 76.7726



85.6144, 95.2130, 104.9696



49.7973, 67.4389, 40.0995



18.0622, 20.2463, 22.3519



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.



54.1817, 68.8920, 76.7726



63.8228, 84.2076, 93.6189



49.1265, 55.9506, 83.8148



14.7002, 16.2935, 17.9521



21.4545, 34.2139, 33.9576



1.6127, 2.5392, 2.6529

Inverse Universe

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



50.9772, 42.1639, 41.0517



59.2543, 46.0310, 42.6406



54.6116, 51.2317, 36.7174



14.4733, 14.4065, 15.4267



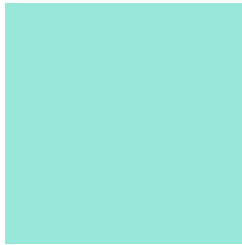
18.7015, 9.6148, 2.0573



1.4112, 0.7222, 0.3061

Previews

White Background



This preview shows how the XYZ color 54.1797, 68.8892, 76.7710 looks on a white background.

Color Contrast Check

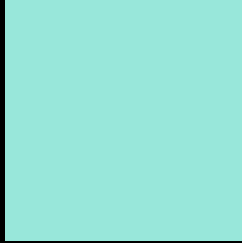
Large Text (above 18pt) WCAG AA × Fail

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 54.1797, 68.8892, 76.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

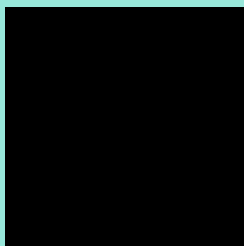
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

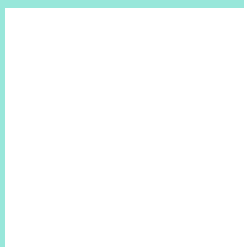
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1797, 68.8892, 76.7710

Background



This preview shows how black text looks on a background with the XYZ color 54.1797, 68.8892, 76.7710.

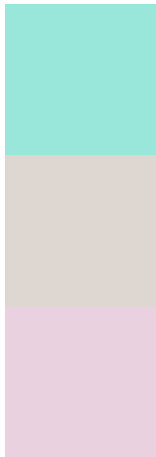


This preview shows how white text looks on a background with the XYZ color 54.1797, 68.8892,

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

54.1797, 68.8892, 76.7710

Protanopia

65.3740, 68.0687, 70.0146

Deuteranopia

69.7240, 68.2523, 79.3112



Tritanopia

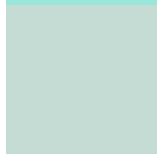
58.0511, 68.7998, 96.6063

Trichromacy



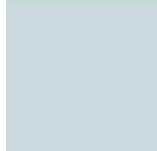
Original Color

54.1797, 68.8892, 76.7710



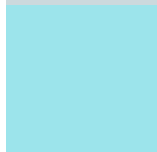
Protanomaly

60.2418, 67.6756, 72.1750



Deuteranomaly

62.7658, 67.6835, 78.1627



Tritanomaly

56.4491, 68.5529, 88.8541

Monochromacy



Original Color

54.1797, 68.8892, 76.7710



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.1830, 63.6931, 70.3056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1797, 68.8892, 76.7710 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(152, 231, 218)` looks like.

```
.text, #text, p{  
    color:rgb(152, 231, 218)  
}
```

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(152, 231, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 231, 218) }
```

Border

The CSS property to change the border of an element to XYZ 54.1797, 68.8892, 76.7710 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(152, 231, 218) }
```


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

```
.border{ border-color:rgb(152, 231, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 231, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 231, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 231, 218);  
box-shadow:4px 4px 4px 4px rgb(152, 231,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1797, 68.8892, 76.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 231, 218) }
```

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

```
.background{ background-color: rgb(152,  
231, 218) }
```

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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