

Converting Colors

XYZ(54.8379, 69.6452, 76.8823)

Have a look what the booklet for
XYZ(54.8379, 69.6452, 76.8823)
contains.

XYZ(54.8379, 69.6452, 76.8823)	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(54.8379, 69.6452,
76.8823)**

Conversions

Conversions Part 1

Format	Color
Hex	9AE8DA
RGB	154, 232, 218
RGB Percent	60%, 91%, 85%
CMY	0.3961, 0.0902, 0.1451
CMYK	0.34, 0.00, 0.06, 0.09
HSL	169°, 63%, 76%
HSV	169°, 34%, 91%
XYZ	54.8379, 69.6452, 76.8823
YIQ	207.0820, -41.9940, -20.8900

Conversions

Conversions Part 2

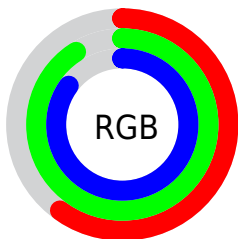
Format	Color
RYB	154, 197, 232
Decimal	10152154
CIELab	86.82, -26.95, -0.81
CIELCh	87, 26.966, 181.732
Yxy	69.6452, 0.2723, 0.3459
Android (android.graphics.Color)	4288342234 (0xFF9AE8DA)
YUV	207.0820, 5.3826, -46.5529
Hunter-Lab	83.4537, -28.7506, 3.7963

Details

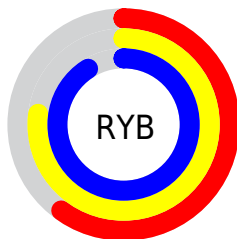
The XYZ color **54.8379, 69.6452, 76.8823** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.9046, 43.0960, 42.6311**, and the grayscale version is **59.3484, 62.4391, 67.9962**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **27.2818, 36.3477, 40.2282** is the 20% darker color. If you saturate the color by 10%, you get **50.3041, 67.3719, 73.8619**, and if you desaturate by 10%, it is **60.2428, 72.3695, 80.0180**.

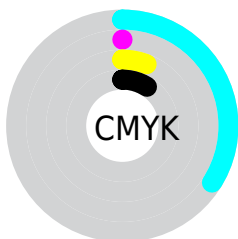
Distribution



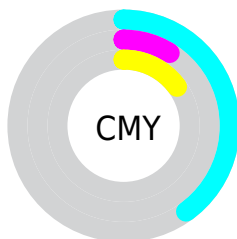
- Red (60%)
- Green (91%)
- Blue (85%)



- Red (60%)
- Yellow (77%)
- 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 54.8379, 69.6452, 76.8823 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 54.8379, 69.6452, 76.8823 by changing the saturation by 10% instead.


 54.8379, 69.6452,
76.8823


 54.8379, 69.6452,
76.8823


395.4436,
459.3033, 503.7896

 39.5053, 51.2373,
56.6453


 96.4531, 118.7026,
130.7448

 27.3355, 36.3975,
40.3131


 123.4664,
150.1210, 165.2074

 17.9633, 24.7414,
27.4671


155.1040,
186.6450, 205.2489

 11.0231, 15.8845,
17.6888

191.7313,
228.6590, 251.2880

 6.1498, 9.4424,
10.5597

233.7135,
276.5475, 303.7430

 2.9779, 5.0309,
5.6612

281.4160,

 1.1421, 2.2654,

330.6947, 363.0326

2.5747

335.2043,
391.4852, 429.5753

0.0599, 0.7553,
0.8794

0.0000, 0.0000,
0.0000

54.8379, 69.6452,
76.8823

54.8379, 69.6452,
76.8823

50.3041, 67.3719,
73.8619

60.2428, 72.3695,
80.0180

46.5859, 65.5157,
70.9492

66.5582, 75.5599,
83.2667

43.6308, 64.0514,
68.1426

73.8285, 79.2409,
86.6327

41.3776, 62.9473,
65.4389

82.0932, 83.4329,
90.1183

■ 39.7556, 62.1671,
62.8341

■ 85.6521, 85.1974,
93.4571

■ 38.6786, 61.6664,
60.3236

■ 86.2741, 85.4462,
96.7325

■ 38.1910, 61.4489,
58.7672

■ 86.9104, 85.7007,
100.0830

■ 87.5610, 85.9609,
103.5092

■ 88.1478, 86.1957,
106.5993

Harmonies

Analogous

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



56.1139, 69.6452, 60.5953



54.8379, 69.6452, 76.8823



56.4416, 69.6452, 95.5266

Triad

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



54.8379, 69.6452, 76.8823



72.7561, 69.6452, 109.2356



72.0846, 69.6452, 49.2550

Complementary

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



54.8379, 69.6452, 76.8823



51.9046, 43.0960, 42.6311

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.



77.0134, 69.6452, 59.0490



54.8379, 69.6452, 76.8823



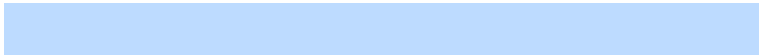
77.4180, 69.6452, 93.4295

Square

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



54.8379, 69.6452, 76.8823



66.5615, 69.6452, 115.9460



79.0225, 69.6452, 74.7909



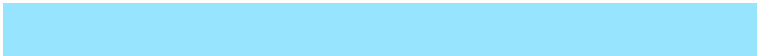
65.8312, 69.6452, 46.2354

Rectangle

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



54.8379, 69.6452, 76.8823



58.9906, 69.6452, 106.3742



79.0225, 69.6452, 74.7909



73.9647, 69.6452, 51.7786

Sweetspot

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



54.8399, 69.6480, 76.8839



85.5545, 95.1890, 104.6542



50.9038, 68.4070, 41.0940



18.0476, 20.2405, 22.2751



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.



54.8399, 69.6480, 76.8839



64.1376, 84.3886, 92.7912



50.2796, 57.4697, 84.7899



14.6906, 16.2897, 17.9014



21.2439, 34.1297, 32.8486



1.5990, 2.5337, 2.5807

Inverse Universe

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



51.9046, 43.0960, 42.6311



60.0116, 46.9946, 44.5915



55.1738, 51.6111, 37.6270



14.4821, 14.4100, 15.4732



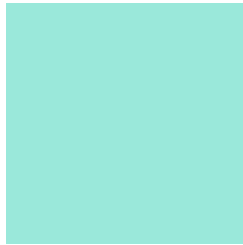
18.7363, 9.6288, 2.2406



1.4154, 0.7239, 0.3280

Previews

White Background



This preview shows how the XYZ color 54.8379, 69.6452, 76.8823 looks on a white background.

Color Contrast Check

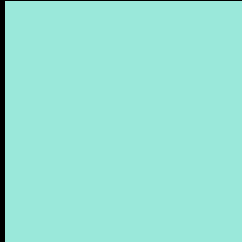
Large Text (above 18pt) WCAG AA × Fail

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 54.8379, 69.6452, 76.8823 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

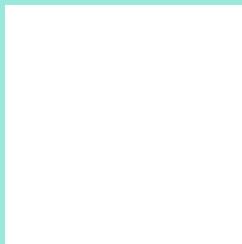
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8379, 69.6452, 76.8823

Background



This preview shows how black text looks on a background with the XYZ color 54.8379, 69.6452, 76.8823.

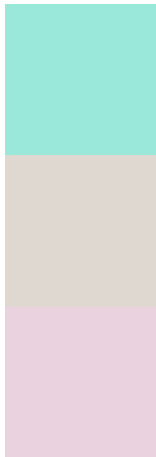


This preview shows how white text looks on a background with the XYZ color 54.8379, 69.6452,

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

54.8379, 69.6452, 76.8823

Protanopia

66.1887, 69.2448, 70.1987

Deuteranopia

70.6268, 69.0831, 79.4240



Tritanopia

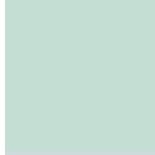
59.0759, 69.7177, 97.5320

Trichromacy



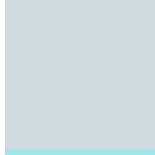
Original Color

54.8379, 69.6452, 76.8823



Protanomaly

61.0309, 68.8663, 72.3632



Deuteranomaly

63.5761, 68.4851, 78.2747



Tritanomaly

57.2602, 69.3639, 89.7275

Monochromacy



Original Color

54.8379, 69.6452, 76.8823



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

57.0528, 64.5062, 71.0720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8379, 69.6452, 76.8823 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(154, 232, 218)` looks like.

```
.text, #text, p{  
    color:rgb(154, 232, 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(154, 232, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 232, 218) }
```

Border

The CSS property to change the border of an element to XYZ 54.8379, 69.6452, 76.8823 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(154, 232, 218) }
```


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

```
.border{ border-color:rgb(154, 232, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 232, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 232, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 232, 218);  
box-shadow:4px 4px 4px 4px rgb(154, 232,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8379, 69.6452, 76.8823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 232, 218) }
```

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

```
.background{ background-color: rgb(154,  
232, 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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