

Converting Colors

XYZ(41.4654, 52.0050, 56.5677)

Have a look what the booklet for
XYZ(41.4654, 52.0050, 56.5677)
contains.

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Color

**XYZ(41.4654, 52.0050,
56.5677)**

Conversions

Conversions Part 1

Format	Color
Hex	8CCBBE
RGB	140, 203, 190
RGB Percent	55%, 80%, 75%
CMY	0.4510, 0.2039, 0.2549
CMYK	0.31, 0.00, 0.06, 0.20
HSL	168°, 38%, 67%
HSV	168°, 31%, 80%
XYZ	41.4654, 52.0050, 56.5677
YIQ	182.6810, -33.3750, -17.3990

Conversions

Conversions Part 2

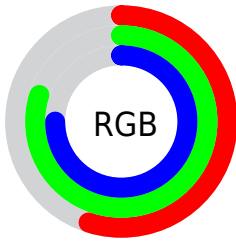
Format	Color
RYB	140, 175, 203
Decimal	9227198
CIELab	77.28, -22.87, 0.05
CIELCh	77, 22.870, 179.865
Yxy	52.0050, 0.2764, 0.3466
Android (android.graphics.Color)	4287417278 (0xFF8CCBBE)
YUV	182.6810, 3.6083, -37.4312
Hunter-Lab	72.1145, -23.5639, 3.9722

Details

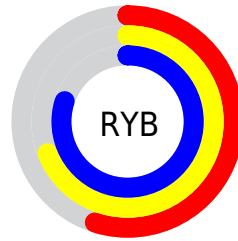
The XYZ color **41.4654, 52.0050, 56.5677** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.7582, 33.7540, 34.5587**, and the grayscale version is **44.8302, 47.1648, 51.3625**.

A 20% lighter version of the original color is **74.9002, 89.7759, 100.5696**, and **19.1933, 25.3273, 27.5440** is the 20% darker color. If you saturate the color by 10%, you get **37.9042, 50.2226, 54.0457**, and if you desaturate by 10%, it is **45.6737, 54.1221, 59.1909**.

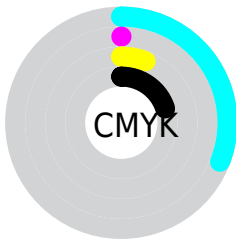
Distribution



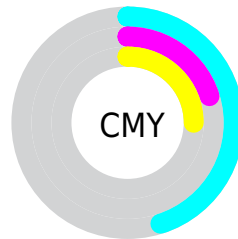
- Red (55%)
- Green (80%)
- Blue (75%)



- Red (55%)
- Yellow (69%)
- Blue (80%)



- Cyan (31%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)





- Cyan (45%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4654, 52.0050, 56.5677 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 41.4654, 52.0050, 56.5677 by changing the saturation by 10% instead.


 41.4654, 52.0050,
56.5677


 41.4654, 52.0050,
56.5677


343.2915,
394.4559, 429.2757


 28.8722, 37.0091,
40.2512

 76.6601, 93.1386,
101.3282

 19.1280, 25.2145,
27.4192


 99.9924, 120.0451,
130.6093

 11.8673, 16.2369,
17.6531


 127.6350,
151.6905, 165.0490

 6.7250, 9.6920,
10.5344

159.9534,
188.4593, 205.0659

 3.3355, 5.1952,
5.6445

197.3129,
230.7358, 251.0784

 1.3336, 2.3622,
2.5648

240.0788,

 0.2081, 0.8064,

278.9045, 303.5052

0.8742

288.6165,
333.3497, 362.7648

■ 0.0000, 0.0000,
0.0000

■ 41.4654, 52.0050,
56.5677

■ 41.4654, 52.0050,
56.5677

■ 37.9042, 50.2226,
54.0457

■ 45.6737, 54.1221,
59.1909

■ 34.9509, 48.7508,
51.6193

■ 50.5570, 56.5843,
61.9139

■ 32.5687, 47.5719,
49.2871


■ 56.1467, 59.4092,
64.7397


■ 30.7151, 46.6640,
47.0467


■ 62.4709, 62.6111,
67.6703


■ 29.3412, 46.0019,
44.8952


■ 69.5564, 66.2040,
70.7075


 28.3892, 45.5559,
42.8292

 74.8805, 68.8871,
73.7338

 27.7994, 45.2907,
41.0448

 75.4264, 69.1055,
76.6084

 75.9862, 69.3294,
79.5561

 76.5599, 69.5589,
82.5776

Harmonies

Analogous

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



42.4876, 52.0050, 45.3426



41.4654, 52.0050, 56.5677



42.4697, 52.0050, 69.5249

Triad

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



41.4654, 52.0050, 56.5677



53.7493, 52.0050, 80.2618



53.7857, 52.0050, 38.1975

Complementary

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



41.4654, 52.0050, 56.5677



39.7582, 33.7540, 34.5587

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.



57.1103, 52.0050, 45.4277



41.4654, 52.0050, 56.5677



57.0884, 52.0050, 69.6380

Square

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



41.4654, 52.0050, 56.5677



49.4093, 52.0050, 84.3779



58.3525, 52.0050, 56.6815



49.4491, 52.0050, 35.7411

Rectangle

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



41.4654, 52.0050, 56.5677



44.1893, 52.0050, 77.1727



58.3525, 52.0050, 56.6815



55.0677, 52.0050, 40.0919

Sweetspot

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



41.4669, 52.0071, 56.5689



86.3516, 95.6028, 104.5613



39.3511, 51.4432, 32.6674



18.2020, 20.3211, 22.2332



0.0000, 0.0000, 0.0000



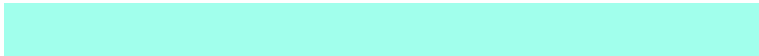
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4669, 52.0071, 56.5689



65.4593, 85.0895, 91.9716



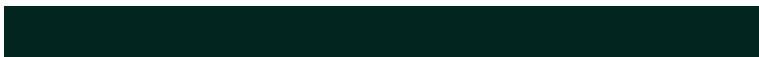
38.9766, 44.6498, 63.0663



11.4402, 12.6858, 13.8756



17.7244, 28.8351, 26.2975



0.9400, 1.4978, 1.4918

Inverse Universe

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



39.7582, 33.7540, 34.5587



62.1745, 49.9278, 49.6054



41.5652, 38.9941, 30.1477



11.3055, 11.2509, 12.1431



15.9653, 8.1967, 2.2698



0.8518, 0.4341, 0.2656

Previews

White Background



This preview shows how the XYZ color 41.4654, 52.0050, 56.5677 looks on a white background.

Color Contrast Check

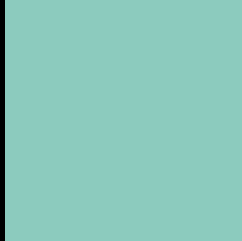
Large Text (above 18pt) WCAG AA × Fail

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 41.4654, 52.0050, 56.5677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

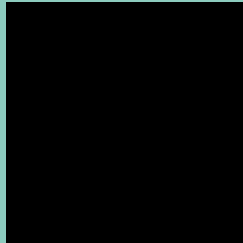
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

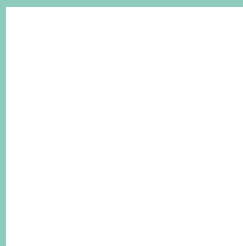
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4654, 52.0050, 56.5677

Background



This preview shows how black text looks on a background with the XYZ color 41.4654, 52.0050, 56.5677.

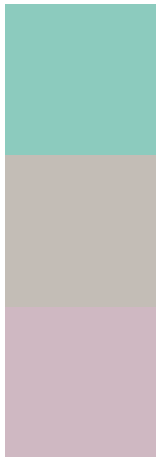


This preview shows how white text looks on a background with the XYZ color 41.4654, 52.0050,

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

41.4654, 52.0050, 56.5677

Protanopia

49.1468, 51.3747, 51.5820

Deuteranopia

52.6102, 51.4414, 58.1953



Tritanopia

44.5432, 51.8641, 71.9531

Trichromacy



Original Color

41.4654, 52.0050, 56.5677

Protanomaly

45.7279, 51.2003, 53.3715

Deuteranomaly

47.7849, 51.1791, 57.8121

Tritanomaly

43.2965, 51.6941, 66.0885

Monochromacy



Original Color

41.4654, 52.0050, 56.5677

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.2127, 48.5876, 53.5552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4654, 52.0050, 56.5677 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(140, 203, 190)` looks like.

```
.text, #text, p{  
    color:rgb(140, 203, 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(140, 203, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 203, 190) }
```

Border

The CSS property to change the border of an element to XYZ 41.4654, 52.0050, 56.5677 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(140, 203, 190) }
```


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

```
.border{ border-color:rgb(140, 203, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 203, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 203, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 203, 190);  
box-shadow:4px 4px 4px 4px rgb(140, 203,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4654, 52.0050, 56.5677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 203, 190) }
```

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

```
.background{ background-color: rgb(140,  
203, 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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