

Converting Colors

XYZ(40.9651, 54.6699, 55.4211)

Have a look what the booklet for
XYZ(40.9651, 54.6699, 55.4211)
contains.

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Color

**XYZ(41.0163, 54.6884,
55.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD3BB
RGB	127, 211, 187
RGB Percent	50%, 83%, 73%
CMY	0.5019, 0.1725, 0.2667
CMYK	0.40, 0.00, 0.11, 0.17
HSL	163°, 49%, 66%
HSV	163°, 40%, 83%
XYZ	41.0163, 54.6884, 55.4078
YIQ	183.1480, -42.3600, -25.2720

Conversions

Conversions Part 2

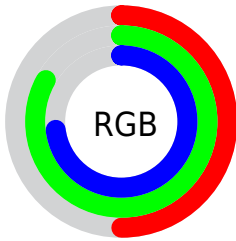
Format	Color
RYB	127, 176, 211
Decimal	8377275
CIELab	78.86, -31.04, 3.88
CIELCh	79, 31.286, 172.875
Yxy	54.6884, 0.2714, 0.3619
Android (android.graphics.Color)	4286567355 (0xFF7FD3BB)
YUV	183.1480, 1.8990, -49.2418
Hunter-Lab	73.9516, -30.4126, 7.3434

Details

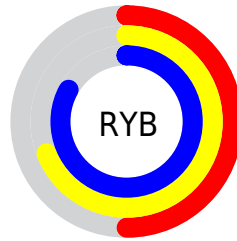
The XYZ color **41.0163, 54.6884, 55.4078** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.0411, 31.2634, 33.2044**, and the grayscale version is **45.0987, 47.4474, 51.6702**.

A 20% lighter version of the original color is **71.4661, 88.0583, 98.0243**, and **18.8640, 26.8759, 26.7476** is the 20% darker color. If you saturate the color by 10%, you get **37.5651, 52.9837, 51.9482**, and if you desaturate by 10%, it is **45.1557, 56.7476, 59.0435**.

Distribution



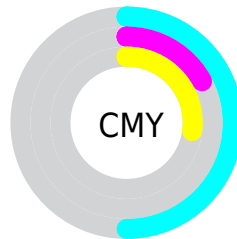
- Red (50%)
- Green (83%)
- Blue (73%)



- Red (50%)
- Yellow (69%)
- Blue (83%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)





- Cyan (50%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0163, 54.6884, 55.4078 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 41.0163, 54.6884, 55.4078 by changing the saturation by 10% instead.


 41.0163, 54.6884,
55.4078


 41.0163, 54.6884,
55.4078


341.4502,
404.7297, 424.7813


 28.5195, 39.1523,
39.3275


 75.9832, 97.0843,
99.6153

 18.8601, 26.8782,
26.7048


 99.1840, 124.7128,
128.5796

 11.6727, 17.4818,
17.1212


 126.6836,
157.1410, 162.6757

 6.5918, 10.5786,
10.1581

158.8473,
194.7531, 202.3221

 3.2522, 5.7842,
5.3969

196.0405,
237.9337, 247.9373

 1.2885, 2.7143,
2.4192

238.6284,

 0.1746, 0.9845,

287.0670, 299.9399

0.7969

286.9765,
342.5376, 358.7484

■ 0.0000, 0.0000,
0.0000

■ 41.0163, 54.6884,
55.4078

■ 41.0163, 54.6884,
55.4078

■ 37.5651, 52.9837,
51.9482

■ 45.1557, 56.7476,
59.0435

■ 34.7559, 51.6054,
48.6572

■ 50.0169, 59.1743,
62.8549

■ 32.5436, 50.5318,
45.5322

■ 55.6366, 61.9889,
66.8467

■ 30.8754, 49.7357,
42.5689

■ 62.0479, 65.2082,
71.0220

■ 29.6887, 49.1848,
39.7626

■ 69.2816, 68.8483,
75.3838

■ 28.8721, 48.8218,
37.1061

■ 77.3670, 72.9241,
79.9350

■ 28.8578, 48.8155,
37.0571

■ 78.7068, 73.5191,
84.3218

■ 79.5646, 73.8622,
88.8387

■ 80.4519, 74.2171,
93.5112

Harmonies

Analogous

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



43.0349, 54.6884, 41.2116



41.0163, 54.6884, 55.4078



41.7432, 54.6884, 73.8418

Triad

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



41.0163, 54.6884, 55.4078



56.7571, 54.6884, 96.9052



59.5188, 54.6884, 36.2449

Complementary

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



41.0163, 54.6884, 55.4078



40.0411, 31.2634, 33.2044

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.



63.7662, 54.6884, 47.2263



41.0163, 54.6884, 55.4078



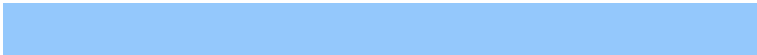
62.0853, 54.6884, 82.6434

Square

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



41.0163, 54.6884, 55.4078



50.5138, 54.6884, 100.2971



64.7409, 54.6884, 63.8861



53.4737, 54.6884, 31.6676

Rectangle

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



41.0163, 54.6884, 55.4078



43.7168, 54.6884, 85.9541



64.7409, 54.6884, 63.8861



61.2231, 54.6884, 39.1908

Sweetspot

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



41.0178, 54.6906, 55.4091



83.2985, 94.1009, 101.1683



40.1131, 54.8178, 28.5463



17.5787, 20.0159, 21.4794



0.0000, 0.0000, 0.0000



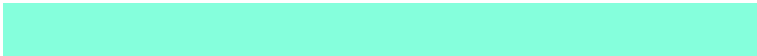
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0178, 54.6906, 55.4091



58.2915, 81.6427, 80.4143



39.8483, 47.8899, 68.7740



12.0083, 13.3471, 14.4003



17.4610, 29.4773, 22.6057



1.0096, 1.6615, 1.4391

Inverse Universe

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



40.0411, 31.2634, 33.2044



56.6011, 40.7370, 41.7180



40.6395, 35.2687, 24.7452



11.9456, 11.8630, 12.9896



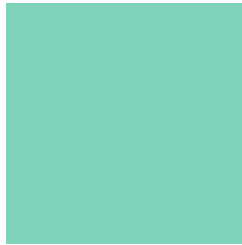
16.7478, 8.5719, 3.5779



0.9708, 0.4930, 0.3810

Previews

White Background



This preview shows how the XYZ color 41.0163, 54.6884, 55.4078 looks on a white background.

Color Contrast Check

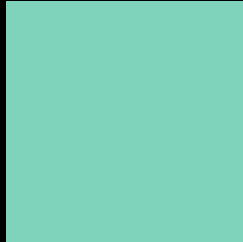
Large Text (above 18pt) WCAG AA × Fail

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 41.0163, 54.6884, 55.4078 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

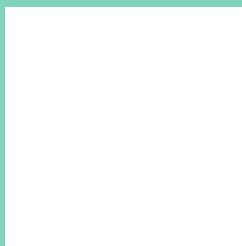
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0163, 54.6884, 55.4078

Background



This preview shows how black text looks on a background with the XYZ color 41.0163, 54.6884, 55.4078.



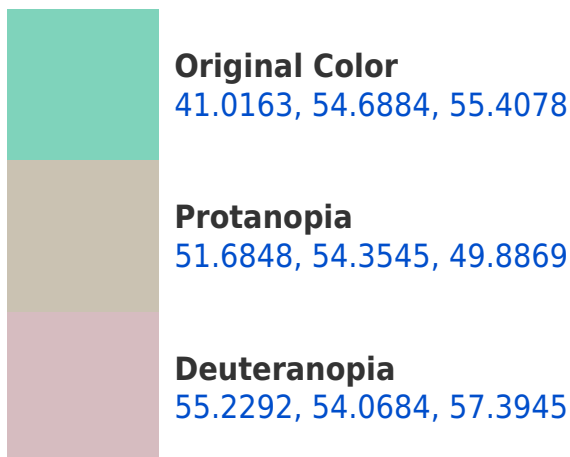
This preview shows how white text looks on a background with the XYZ color 41.0163, 54.6884,

55.4078.

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

45.4095, 54.6508, 77.2626

Trichromacy



Original Color

41.0163, 54.6884, 55.4078

Protanomaly

46.6740, 53.7587, 51.6326

Deuteranomaly

48.3256, 53.1426, 56.4257

Tritanomaly

43.7374, 54.7017, 68.5749

Monochromacy



Original Color

41.0163, 54.6884, 55.4078

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

42.8260, 49.3872, 52.6229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0163, 54.6884, 55.4078 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(127, 211, 187)` looks like.

```
.text, #text, p{  
    color:rgb(127, 211, 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(127, 211, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 211, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.0163, 54.6884, 55.4078 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(127, 211, 187) }
```


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

```
.border{ border-color:rgb(127, 211, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 211, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 211, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 211, 187);  
box-shadow:4px 4px 4px 4px rgb(127, 211,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0163, 54.6884, 55.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 211, 187) }
```

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

```
.background{ background-color: rgb(127,  
211, 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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