

Converting Colors

XYZ(41.0250, 55.5804, 52.5676)

Have a look what the booklet for
XYZ(41.0250, 55.5804, 52.5676)
contains.

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Color

**XYZ(40.9901, 55.4779,
52.8039)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD5B6
RGB	127, 213, 182
RGB Percent	50%, 84%, 71%
CMY	0.5020, 0.1647, 0.2863
CMYK	0.40, 0.00, 0.15, 0.16
HSL	158°, 51%, 67%
HSV	158°, 40%, 84%
XYZ	40.9901, 55.4779, 52.8039
YIQ	183.7520, -41.3050, -27.8730

Conversions

Conversions Part 2

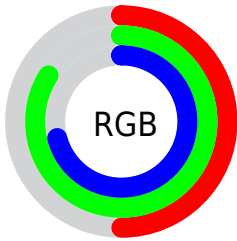
Format	Color
RYB	127, 179, 213
Decimal	8377782
CIELab	79.32, -33.08, 7.21
CIElCh	79, 33.859, 167.713
Yxy	55.4779, 0.2746, 0.3717
Android (android.graphics.Color)	4286567862 (0xFF7FD5B6)
YUV	183.7520, -0.8637, -49.7715
Hunter-Lab	74.4835, -32.1132, 10.1057

Details

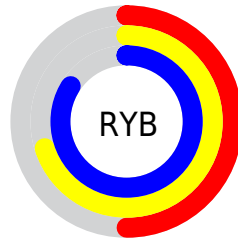
The XYZ color **40.9901, 55.4779, 52.8039** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **41.2033, 31.7948, 36.3151**, and the grayscale version is **45.4453, 47.8120, 52.0672**.

A 20% lighter version of the original color is **70.7211, 87.7603, 94.1010**, and **18.8618, 27.4164, 25.0667** is the 20% darker color. If you saturate the color by 10%, you get **37.3753, 53.7050, 48.6061**, and if you desaturate by 10%, it is **45.3221, 57.6184, 57.2649**.

Distribution



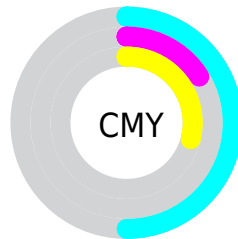
- Red (50%)
- Green (84%)
- Blue (71%)



- Red (50%)
- Yellow (70%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)





- Cyan (50%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9901, 55.4779, 52.8039 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 40.9901, 55.4779, 52.8039 by changing the saturation by 10% instead.


 40.9901, 55.4779,
52.8039


 40.9901, 55.4779,
52.8039


341.3425,
407.7209, 414.5772

 28.4990, 39.7845,
37.2596


 75.9437, 98.2408,
95.7544

 18.8445, 27.3705,
25.1112


 99.1368, 126.0791,
123.9976

 11.6613, 17.8517,
15.9401


 126.6281,
158.7344, 157.3109

 6.5841, 10.8436,
9.3279

158.7827,
196.5912, 196.1128

 3.2474, 5.9617,
4.8560

195.9661,
240.0339, 240.8219

 1.2859, 2.8218,
2.1057

238.5436,

 0.1726, 1.0394,

289.4468, 291.8566

0.6192

286.8807,
345.2143, 349.6355

■ 0.0000, 0.0000,
0.0000

■ 40.9901, 55.4779,
52.8039

■ 40.9901, 55.4779,
52.8039

■ 37.3753, 53.7050,
48.6061

■ 45.3221, 57.6184,
57.2649

■ 34.4297, 52.2708,
44.6620

■ 50.4063, 60.1400,
61.9905

■ 32.1067, 51.1526,
40.9669


■ 56.2807, 63.0639,
66.9873


■ 30.3513, 50.3223,
37.5144


■ 62.9795, 66.4075,
72.2602

■ 29.0983, 49.7462,
34.2977

■ 70.5349, 70.1873,
77.8139

 28.2548, 49.3743,
31.4155

 78.9770, 74.4189,
83.6532

 80.1394, 74.8921,
89.3990

 81.2778, 75.3475,
95.3940

 82.4648, 75.8223,
101.6446

Harmonies

Analogous

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



43.6617, 55.4779, 38.6061



40.9901, 55.4779, 52.8039



41.2608, 55.4779, 72.4927

Triad

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



40.9901, 55.4779, 52.8039



56.7968, 55.4779, 103.4093



61.9972, 55.4779, 36.7811

Complementary

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



40.9901, 55.4779, 52.8039



41.2033, 31.7948, 36.3151

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.



66.1493, 55.4779, 49.7435



40.9901, 55.4779, 52.8039



62.9745, 55.4779, 89.1709

Square

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



40.9901, 55.4779, 52.8039



50.0042, 55.4779, 104.7241



66.5215, 55.4779, 68.7048



55.5533, 55.4779, 30.7761

Rectangle

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



40.9901, 55.4779, 52.8039



43.0747, 55.4779, 86.2444



66.5215, 55.4779, 68.7048



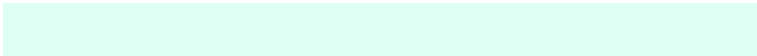
63.7302, 55.4779, 40.3245

Sweetspot

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



40.9916, 55.4801, 52.8052



82.9491, 93.9611, 99.3279



41.8324, 56.4464, 28.7699



17.4963, 19.9829, 21.0451



0.0000, 0.0000, 0.0000



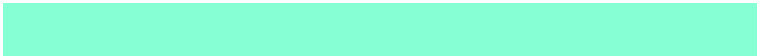
20.3446, 21.4041, 23.3091

Same Dimension

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



40.9916, 55.4801, 52.8052



57.1123, 81.1710, 74.2045



41.7755, 51.3406, 70.6613



12.5933, 14.0283, 14.9390



17.3090, 30.1789, 19.4547



1.0830, 1.8358, 1.3786

Inverse Universe

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



41.2033, 31.7948, 36.3151



57.4811, 41.0890, 46.3518



40.4286, 33.9909, 24.5095



12.6064, 12.4941, 13.8675



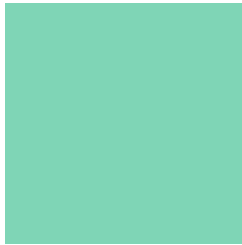
17.6202, 8.9844, 5.3039



1.1018, 0.5575, 0.5253

Previews

White Background



This preview shows how the XYZ color 40.9901, 55.4779, 52.8039 looks on a white background.

Color Contrast Check

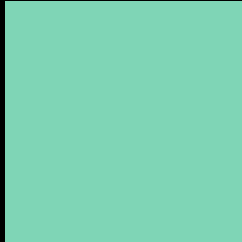
Large Text (above 18pt) WCAG AA × Fail

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 40.9901, 55.4779, 52.8039 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

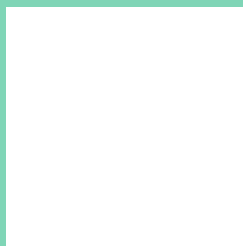
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9901, 55.4779, 52.8039

Background



This preview shows how black text looks on a background with the XYZ color 40.9901, 55.4779, 52.8039.

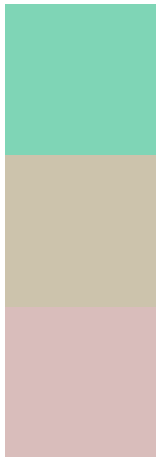


This preview shows how white text looks on a background with the XYZ color 40.9901, 55.4779,

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

40.9901, 55.4779, 52.8039

Protanopia

51.8633, 54.8461, 46.8826

Deuteranopia

55.7825, 54.7348, 54.6385



Tritanopia

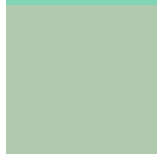
46.0839, 55.3258, 78.7711

Trichromacy



Original Color

40.9901, 55.4779, 52.8039



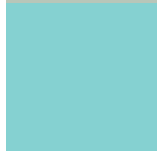
Protanomaly

46.8615, 54.6058, 49.1444



Deuteranomaly

48.7182, 54.0813, 53.7700



Tritanomaly

43.9820, 55.1909, 68.6564

Monochromacy



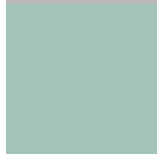
Original Color

40.9901, 55.4779, 52.8039



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

43.1666, 50.2356, 52.2211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9901, 55.4779, 52.8039 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, 213, 182)` looks like.

```
.text, #text, p{  
    color:rgb(127, 213, 182)  
}
```

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, 213, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 213, 182) }
```

Border

The CSS property to change the border of an element to XYZ 40.9901, 55.4779, 52.8039 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, 213, 182) }
```


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

```
.border{ border-color:rgb(127, 213, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 213, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 213, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 213, 182); box-shadow:4px 4px 4px 4px rgb(127, 213, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9901, 55.4779, 52.8039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 213, 182) }
```

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

```
.background{ background-color: rgb(127,  
213, 182) }
```

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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