

Converting Colors

XYZ(38.9252, 52.8525, 56.2941)

Have a look what the booklet for
XYZ(38.9252, 52.8525, 56.2941)
contains.

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Color

**XYZ(38.9252, 52.8525,
56.2941)**

Conversions

Conversions Part 1

Format	Color
Hex	72D1BD
RGB	114, 209, 189
RGB Percent	45%, 82%, 74%
CMY	0.5529, 0.1804, 0.2588
CMYK	0.45, 0.00, 0.10, 0.18
HSL	167°, 51%, 63%
HSV	167°, 45%, 82%
XYZ	38.9252, 52.8525, 56.2941
YIQ	178.3150, -50.2000, -26.3600

Conversions

Conversions Part 2

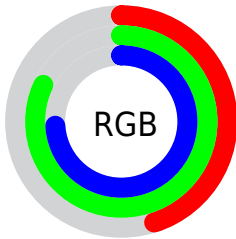
Format	Color
RYB	114, 167, 209
Decimal	7524797
CIELab	77.79, -32.95, 1.18
CIELCh	78, 32.971, 177.945
Yxy	52.8525, 0.2629, 0.3569
Android (android.graphics.Color)	4285714877 (0xFF72D1BD)
YUV	178.3150, 5.2677, -56.4043
Hunter-Lab	72.6997, -31.6513, 4.9794

Details

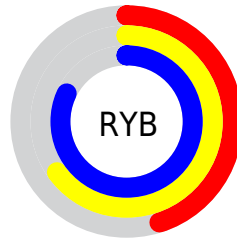
The XYZ color **38.9252, 52.8525, 56.2941** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.6167, 27.3126, 25.8981**, and the grayscale version is **42.4770, 44.6891, 48.6664**.

A 20% lighter version of the original color is **69.0360, 86.7705, 99.4960**, and **17.6304, 25.7295, 27.3296** is the 20% darker color. If you saturate the color by 10%, you get **36.0409, 51.4213, 53.7042**, and if you desaturate by 10%, it is **42.4481, 54.6139, 58.9919**.

Distribution



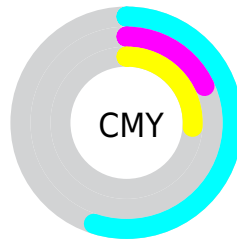
- Red (45%)
- Green (82%)
- Blue (74%)



- Red (45%)
- Yellow (65%)
- Blue (82%)



- Cyan (45%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)





- Cyan (55%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9252, 52.8525, 56.2941 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 38.9252, 52.8525, 56.2941 by changing the saturation by 10% instead.


 38.9252, 52.8525,
56.2941


 38.9252, 52.8525,
56.2941


332.7850,
397.7190, 428.2183


 26.8820, 37.6850,
40.0332


 72.8188, 94.3873,
100.9245

 17.6208, 25.7383,
27.2504


 95.4000, 121.5234,
130.1311

 10.7761, 16.6280,
17.5273


 122.2245,
153.4178, 164.4901

 5.9827, 9.9696,
10.4452

153.6577,
190.4550, 204.4198

 2.8751, 5.3788,
5.5857

190.0651,
233.0193, 250.3390

 1.0881, 2.4712,
2.5302

231.8118,

 0.0151, 0.8622,

281.4952, 302.6661

0.8561

279.2633,
336.2669, 361.8197

■ 0.0000, 0.0000,
0.0000

■ 38.9252, 52.8525,
56.2941

■ 38.9252, 52.8525,
56.2941

■ 36.0409, 51.4213,
53.7042

■ 42.4481, 54.6139,
58.9919

■ 33.7477, 50.2918,
51.2158

■ 46.6440, 56.7193,
61.7963

■ 31.9986, 49.4411,
48.8272


■ 51.5503, 59.1891,
64.7110


■ 30.7374, 48.8404,
46.5351


■ 57.2001, 62.0405,
67.7380


■ 29.8953, 48.4541,
44.3356


■ 63.6245, 65.2896,
70.8796

 29.5928, 48.3194,
43.3635

 70.8528, 68.9513,
74.1376

 76.9339, 72.0198,
77.4214

 77.5239, 72.2558,
80.5283

 78.1293, 72.4980,
83.7166

Harmonies

Analogous

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



40.5208, 52.8525, 40.8134



38.9252, 52.8525, 56.2941



40.1400, 52.8525, 75.6700

Triad

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



38.9252, 52.8525, 56.2941



56.2177, 52.8525, 94.5823



57.0447, 52.8525, 32.5715

Complementary

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



38.9252, 52.8525, 56.2941



36.6167, 27.3126, 25.8981

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.



61.8941, 52.8525, 42.5772



38.9252, 52.8525, 56.2941



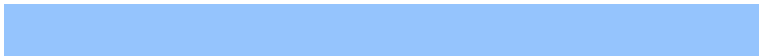
61.3888, 52.8525, 78.3250

Square

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



38.9252, 52.8525, 56.2941



49.7952, 52.8525, 100.3817



63.5466, 52.8525, 58.8191



50.6768, 52.8525, 29.0498

Rectangle

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



38.9252, 52.8525, 56.2941



42.4430, 52.8525, 87.8413



63.5466, 52.8525, 58.8191



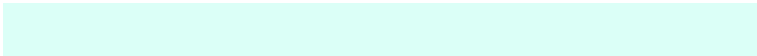
58.9261, 52.8525, 35.1675

Sweetspot

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



38.9267, 52.8546, 56.2953



81.9270, 93.3719, 102.0919



35.7641, 51.9344, 24.0599



17.1484, 19.7901, 21.6341



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.



38.9267, 52.8546, 56.2953



56.4523, 80.6099, 84.1552



35.1947, 41.6728, 66.5128



12.0473, 13.3627, 14.6055



18.2824, 29.8059, 26.9309



1.0496, 1.6775, 1.6500

Inverse Universe

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



36.6167, 27.3126, 25.8981



52.3977, 35.4867, 30.5856



38.8461, 33.7970, 20.3966



11.9091, 11.8484, 12.7973



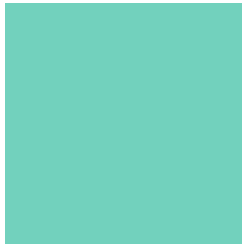
16.5223, 8.4817, 2.3905



0.9536, 0.4861, 0.2903

Previews

White Background



This preview shows how the XYZ color 38.9252, 52.8525, 56.2941 looks on a white background.

Color Contrast Check

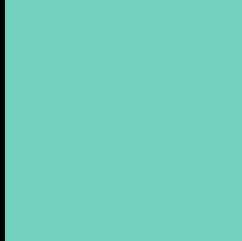
Large Text (above 18pt) WCAG AA × Fail

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 38.9252, 52.8525, 56.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

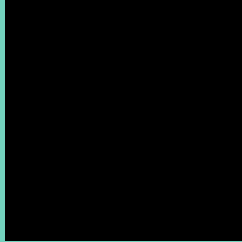
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9252, 52.8525, 56.2941

Background



This preview shows how black text looks on a background with the XYZ color 38.9252, 52.8525, 56.2941.



This preview shows how white text looks on a background with the XYZ color 38.9252, 52.8525,

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

38.9252, 52.8525, 56.2941

Protanopia

49.5761, 51.9519, 50.0626

Deuteranopia

53.0990, 52.0029, 58.2779



Tritanopia

42.8124, 52.6171, 76.3063

Trichromacy



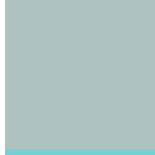
Original Color

38.9252, 52.8525, 56.2941



Protanomaly

44.4498, 51.5669, 52.4104



Deuteranomaly

46.2618, 51.3880, 57.3498



Tritanomaly

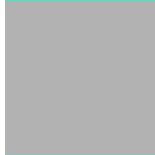
41.3257, 52.7391, 68.3232

Monochromacy



Original Color

38.9252, 52.8525, 56.2941



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

40.1587, 46.7412, 51.1613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9252, 52.8525, 56.2941 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(114, 209, 189)` looks like.

```
.text, #text, p{  
    color:rgb(114, 209, 189)  
}
```

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(114, 209, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 209, 189) }
```

Border

The CSS property to change the border of an element to XYZ 38.9252, 52.8525, 56.2941 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(114, 209, 189) }
```


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

```
.border{ border-color:rgb(114, 209, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 209, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 209, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 209, 189);  
box-shadow:4px 4px 4px 4px rgb(114, 209,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9252, 52.8525, 56.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 209, 189) }
```

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

```
.background{ background-color: rgb(114,  
209, 189) }
```

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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