

Converting Colors

XYZ(25.3058, 40.9291, 37.8194)

Have a look what the booklet for
XYZ(25.3058, 40.9291, 37.8194)
contains.

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Color

**XYZ(25.3927, 41.0355,
38.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	08C29C
RGB	8, 194, 156
RGB Percent	3%, 76%, 61%
CMY	0.9685, 0.2392, 0.3882
CMYK	0.96, 0.00, 0.20, 0.24
HSL	168°, 92%, 40%
HSV	168°, 96%, 76%
XYZ	25.3927, 41.0355, 38.0348
YIQ	134.0540, -98.6580, -51.2500

Conversions

Conversions Part 2

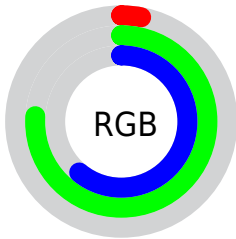
Format	Color
RYB	8, 112, 194
Decimal	574108
CIELab	70.20, -49.53, 7.77
CIELCh	70, 50.133, 171.087
Yxy	41.0355, 0.2431, 0.3928
Android (android.graphics.Color)	4278764188 (0xFF08C29C)
YUV	134.0540, 10.8194, -110.5494
Hunter-Lab	64.0590, -41.3465, 9.6380

Details

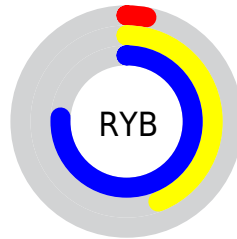
The XYZ color **25.3927, 41.0355, 38.0348** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **22.8298, 11.8415, 3.6702**, and the grayscale version is **22.6708, 23.8515, 25.9742**.

A 20% lighter version of the original color is **51.4969, 76.4142, 73.0080**, and **11.7824, 19.4852, 16.5046** is the 20% darker color. If you saturate the color by 10%, you get **25.1553, 40.9301, 37.3043**, and if you desaturate by 10%, it is **26.0980, 41.3607, 39.8499**.

Distribution



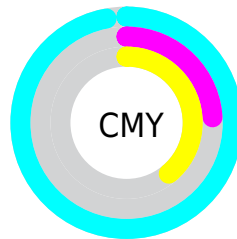
- Red (3%)
- Green (76%)
- Blue (61%)



- Red (3%)
- Yellow (44%)
- Blue (76%)



- Cyan (96%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)





- Cyan (97%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3927, 41.0355, 38.0348 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 25.3927, 41.0355, 38.0348 by changing the saturation by 10% instead.


 25.3927, 41.0355,
38.0348


 25.3927, 41.0355,
38.0348


272.0997,
350.4690, 353.0719


 16.5002, 28.3468,
25.7077


 51.7319, 76.7378,
73.3655


 9.9719, 18.5873,
16.3813


 69.9093, 100.5202,
97.2061


 5.4424, 11.3724,
9.6371


 91.9123, 128.7693,
125.7217

 2.5465, 6.3179,
5.0566

 118.1063,
161.8694, 159.3306

 0.9188, 3.0393,
2.2212

 148.8567,
200.2051, 198.4516

 0.0000, 1.1523,
0.6865

184.5289,

 0.0000, 0.0222,

244.1607, 243.5031

0.0000

225.4881,
294.1205, 294.9037

■ 0.0000, 0.0000,
0.0000

■ 25.3927, 41.0355,
38.0348

■ 25.3927, 41.0355,
38.0348

■ 25.1553, 40.9301,
37.3043

■ 26.0980, 41.3607,
39.8499

■ 27.1514, 41.8630,
41.7382

■ 28.6127, 42.5743,
43.7037

■ 30.5289, 43.5189,
45.7494

■ 32.9405, 44.7175,
47.8775

■ 35.8834, 46.1887,
50.0902

■ 39.3900, 47.9492,
52.3896

■ 43.4903, 50.0143,
54.7776

■ 48.2120, 52.3985,
57.2559

Harmonies

Analogous

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



27.9633, 41.0355, 21.8721



25.3927, 41.0355, 38.0348



26.0492, 41.0355, 63.0019

Triad

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



25.3927, 41.0355, 38.0348



44.9632, 41.0355, 101.5380



49.7842, 41.0355, 17.9254

Complementary

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



25.3927, 41.0355, 38.0348



22.8298, 11.8415, 3.6702

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.



55.6657, 41.0355, 30.3078



25.3927, 41.0355, 38.0348



52.6221, 41.0355, 79.5248

Square

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



25.3927, 41.0355, 38.0348



36.6076, 41.0355, 105.8882



56.7714, 41.0355, 52.0589



41.5007, 41.0355, 13.2441

Rectangle

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



25.3927, 41.0355, 38.0348



28.2727, 41.0355, 81.4697



56.7714, 41.0355, 52.0589



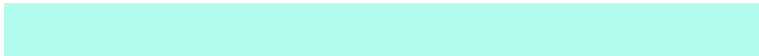
52.1536, 41.0355, 21.0663

Sweetspot

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



25.3938, 41.0371, 38.0358



68.9555, 85.6592, 93.3965



20.5706, 39.2388, 6.7202



14.5031, 18.4586, 20.0571



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.



25.3938, 41.0371, 38.0358



45.4787, 74.1145, 67.0839



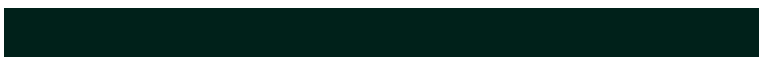
19.4091, 23.0883, 54.4743



10.2775, 11.3920, 12.4646



16.5685, 26.9214, 24.6843



0.7387, 1.1723, 1.1868

Inverse Universe

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



22.8298, 11.8415, 3.6702



40.9186, 21.0238, 5.1013



23.9468, 14.7951, 1.8241



10.1555, 10.1108, 10.9094



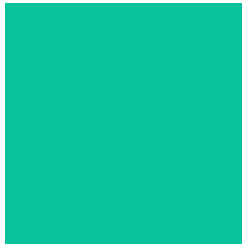
14.8996, 7.6496, 2.1174



0.6691, 0.3407, 0.2250

Previews

White Background



This preview shows how the XYZ color 25.3927, 41.0355, 38.0348 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 25.3927, 41.0355, 38.0348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

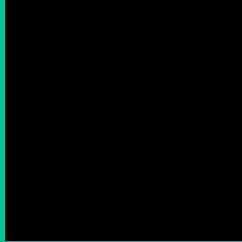
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

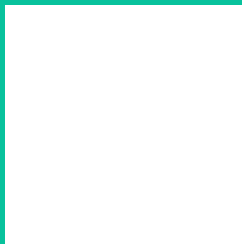
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3927, 41.0355, 38.0348

Background



This preview shows how black text looks on a background with the XYZ color 25.3927, 41.0355, 38.0348.



This preview shows how white text looks on a background with the XYZ color 25.3927, 41.0355,

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

25.3927, 41.0355, 38.0348

Protanopia

37.9992, 40.3468, 32.1705

Deuteranopia

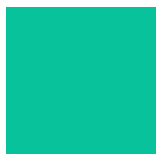
41.2119, 40.4661, 39.8210



Tritanopia

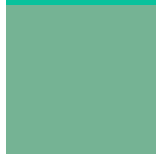
30.5663, 41.2080, 62.8428

Trichromacy



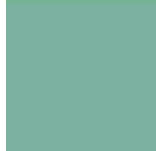
Original Color

25.3927, 41.0355, 38.0348



Protanomaly

28.8015, 38.1602, 33.8646



Deuteranomaly

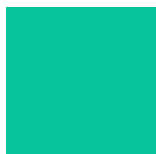
30.1827, 37.8738, 38.9773



Tritanomaly

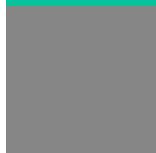
28.1515, 40.8232, 52.8503

Monochromacy



Original Color

25.3927, 41.0355, 38.0348



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

20.7955, 27.8046, 29.8620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3927, 41.0355, 38.0348 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(8, 194, 156)` looks like.

```
.text, #text, p{  
    color:rgb(8, 194, 156)  
}
```

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(8, 194, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 194, 156) }
```

Border

The CSS property to change the border of an element to XYZ 25.3927, 41.0355, 38.0348 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(8, 194, 156) }
```


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

```
.border{ border-color:rgb(8, 194, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 194, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 194, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 194, 156);  
box-shadow:4px 4px 4px 4px rgb(8, 194,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3927, 41.0355, 38.0348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 194, 156) }
```

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

```
.background{ background-color: rgb(8, 194,  
156) }
```

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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