

Converting Colors

XYZ(25.4403, 35.4086, 39.6761)

Have a look what the booklet for
XYZ(25.4403, 35.4086, 39.6761)
contains.

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Color

**XYZ(25.4403, 35.4086,
39.6761)**

Conversions

Conversions Part 1

Format	Color
Hex	51B0A2
RGB	81, 176, 162
RGB Percent	32%, 69%, 64%
CMY	0.6823, 0.3098, 0.3647
CMYK	0.54, 0.00, 0.08, 0.31
HSL	171°, 38%, 50%
HSV	171°, 54%, 69%
XYZ	25.4403, 35.4086, 39.6761
YIQ	145.9990, -52.1260, -24.4940

Conversions

Conversions Part 2

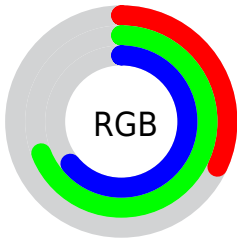
Format	Color
RYB	81, 132, 176
Decimal	5353634
CIELab	66.07, -31.50, -1.36
CIElCh	66, 31.531, 182.471
Yxy	35.4086, 0.2531, 0.3522
Android (android.graphics.Color)	4283543714 (0xFF51B0A2)
YUV	145.9990, 7.8885, -57.0041
Hunter-Lab	59.5051, -27.8196, 2.1209

Details

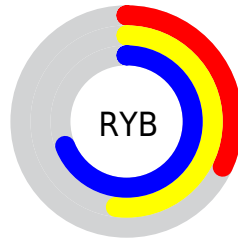
The XYZ color **25.4403, 35.4086, 39.6761** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **22.9137, 15.9423, 12.6974**, and the grayscale version is **27.3062, 28.7282, 31.2850**.

A 20% lighter version of the original color is **51.8622, 68.1263, 76.0619**, and **9.9851, 15.3369, 17.1859** is the 20% darker color. If you saturate the color by 10%, you get **23.8951, 34.6393, 38.4131**, and if you desaturate by 10%, it is **27.3832, 36.3841, 40.9841**.

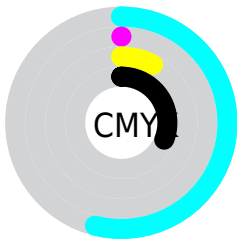
Distribution



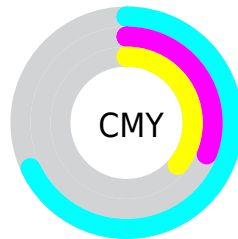
- Red (32%)
- Green (69%)
- Blue (64%)



- Red (32%)
- Yellow (52%)
- Blue (69%)



- Cyan (54%)
- Magenta (0%)
- Yellow (8%)
- Black (31%)



- Cyan (68%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4403, 35.4086, 39.6761 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 25.4403, 35.4086, 39.6761 by changing the saturation by 10% instead.

■ 25.4403, 35.4086,
39.6761

■ 25.4403, 35.4086,
39.6761

272.3310,
326.3682, 360.2679

■ 16.5359, 23.9778,
26.9742

■ 51.8084, 68.1183,
75.9017

■ 9.9974, 15.3171,
17.3216

■ 70.0028, 90.1659,
100.2626

■ 5.4595, 9.0423,
10.2997

■ 92.0245, 116.5213,
129.3468

■ 2.5568, 4.7688,
5.4899

■ 118.2389,
147.5689, 163.5730

■ 0.9240, 2.1122,
2.4738

149.0115,
183.6929, 203.3596

■ 0.0000, 0.6715,
0.8262

184.7074,

■ 0.0000, 0.0000,

225.2779, 249.1253

0.0000

225.6921,
272.7082, 301.2886

■ 25.4403, 35.4086,
39.6761

■ 25.4403, 35.4086,
39.6761

■ 23.8951, 34.6393,
38.4131

■ 27.3832, 36.3841,
40.9841

■ 22.7137, 34.0560,
37.1911

■ 29.7482, 37.5759,
42.3361

■ 21.8614, 33.6419,
36.0089

■ 32.5616, 38.9982,
43.7341

■ 21.2955, 33.3750,
34.8646

■ 35.8465, 40.6631,
45.1795

■ 21.0359, 33.2558,
34.1907

■ 39.6244, 42.5815,
46.6734

■ 43.9155, 44.7639,
48.2169

■ 48.7389, 47.2202,
49.8109

■ 54.1126, 49.9595,
51.4566

■ 60.0538, 52.9909,
53.1548

Harmonies

Analogous

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



26.2882, 35.4086, 27.8259



25.4403, 35.4086, 39.6761



26.6187, 35.4086, 54.1136

Triad

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



25.4403, 35.4086, 39.6761



38.7216, 35.4086, 64.6437



37.9882, 35.4086, 19.9166

Complementary

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



25.4403, 35.4086, 39.6761



22.9137, 15.9423, 12.6974

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.



41.8329, 35.4086, 26.3055



25.4403, 35.4086, 39.6761



42.2832, 35.4086, 51.7360

Square

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



25.4403, 35.4086, 39.6761



34.0444, 35.4086, 70.4636



43.4708, 35.4086, 37.4532



33.2682, 35.4086, 18.1107

Rectangle

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



25.4403, 35.4086, 39.6761



28.4648, 35.4086, 62.8200



43.4708, 35.4086, 37.4532



39.4402, 35.4086, 21.5128

Sweetspot

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



25.4413, 35.4100, 39.6769



63.5606, 73.0109, 81.3261



21.7570, 34.0925, 13.2193



13.5100, 15.6885, 17.5104



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.4413, 35.4100, 39.6769



42.8190, 62.5655, 69.1807



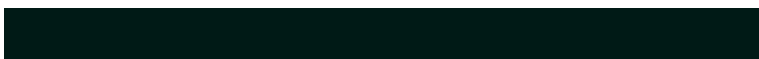
21.0160, 24.4552, 44.6884



8.6877, 9.6096, 10.6153



15.4508, 24.4063, 25.1743



0.5008, 0.7738, 0.8690

Inverse Universe

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



22.9137, 15.9423, 12.6974



37.7792, 23.4909, 15.1945



25.4365, 21.9166, 10.6752



8.5457, 8.5250, 9.1062



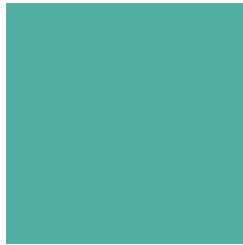
13.2871, 6.8324, 1.4057



0.4339, 0.2213, 0.1278

Previews

White Background



This preview shows how the XYZ color 25.4403, 35.4086, 39.6761 looks on a white background.

Color Contrast Check

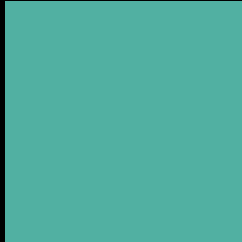
Large Text (above 18pt) WCAG AA × Fail

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 25.4403, 35.4086, 39.6761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

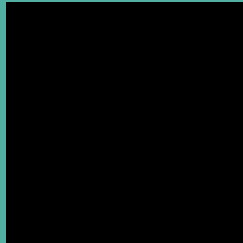
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4403, 35.4086, 39.6761

Background



This preview shows how black text looks on a background with the XYZ color 25.4403, 35.4086, 39.6761.

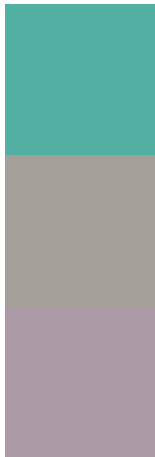


This preview shows how white text looks on a background with the XYZ color 25.4403, 35.4086,

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

25.4403, 35.4086, 39.6761

Protanopia

33.3755, 34.9558, 34.6938

Deuteranopia

35.7097, 35.0034, 41.4334



Tritanopia

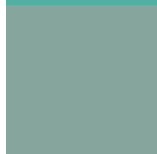
27.7353, 35.1741, 51.7818

Trichromacy



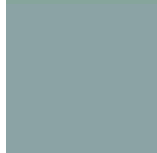
Original Color

25.4403, 35.4086, 39.6761



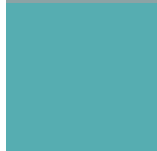
Protanomaly

29.2874, 34.3789, 36.5447



Deuteranomaly

30.5362, 34.4000, 40.6277



Tritanomaly

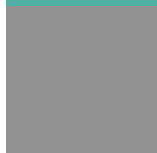
26.7171, 35.0399, 46.9502

Monochromacy



Original Color

25.4403, 35.4086, 39.6761



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.7505, 30.5185, 34.2392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4403, 35.4086, 39.6761 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(81, 176, 162)` looks like.

```
.text, #text, p{  
    color:rgb(81, 176, 162)  
}
```

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(81, 176, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 176, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.4403, 35.4086, 39.6761 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(81, 176, 162) }
```


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

```
.border{ border-color:rgb(81, 176, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 176, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 176, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 176, 162);  
box-shadow:4px 4px 4px 4px rgb(81, 176,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4403, 35.4086, 39.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 176, 162) }
```

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

```
.background{ background-color: rgb(81, 176,  
162) }
```

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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