

Converting Colors

XYZ(25.9845, 35.6774, 39.3717)

Have a look what the booklet for
XYZ(25.9845, 35.6774, 39.3717)
contains.

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Color

**XYZ(25.9829, 35.6986,
39.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	58B0A1
RGB	88, 176, 161
RGB Percent	35%, 69%, 63%
CMY	0.6549, 0.3098, 0.3686
CMYK	0.50, 0.00, 0.09, 0.31
HSL	170°, 36%, 52%
HSV	170°, 50%, 69%
XYZ	25.9829, 35.6986, 39.2393
YIQ	147.9780, -47.6330, -23.3210

Conversions

Conversions Part 2

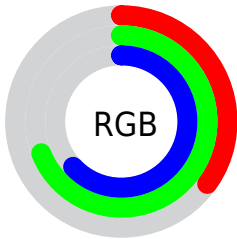
Format	Color
RYB	88, 136, 176
Decimal	5812385
CIELab	66.29, -30.19, -0.45
CIElCh	66, 30.193, 180.851
Yxy	35.6986, 0.2575, 0.3537
Android (android.graphics.Color)	4284002465 (0xFF58B0A1)
YUV	147.9780, 6.4198, -52.6007
Hunter-Lab	59.7483, -26.9348, 2.8855

Details

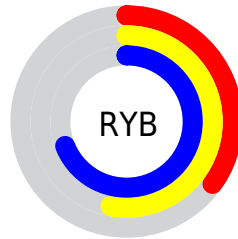
The XYZ color **25.9829, 35.6986, 39.2393** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.8437, 17.1899, 14.8947**, and the grayscale version is **28.1284, 29.5932, 32.2270**.

A 20% lighter version of the original color is **52.7529, 68.6004, 75.4266**, and **10.3234, 15.5113, 17.2017** is the 20% darker color. If you saturate the color by 10%, you get **24.2526, 34.8377, 37.7943**, and if you desaturate by 10%, it is **28.1238, 36.7722, 40.7383**.

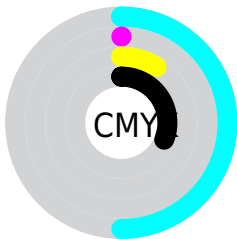
Distribution



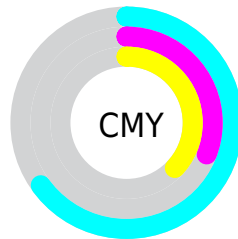
- Red (35%)
- Green (69%)
- Blue (63%)



- Red (35%)
- Yellow (53%)
- Blue (69%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9829, 35.6986, 39.2393 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 25.9829, 35.6986, 39.2393 by changing the saturation by 10% instead.

■ 25.9829, 35.6986,
39.2393

■ 25.9829, 35.6986,
39.2393

274.9564,
327.6413, 358.3631

■ 16.9435, 24.2015,
26.6367

■ 52.6789, 68.5666,
75.2281

■ 10.2892, 15.4832,
17.0705

■ 71.0661, 90.7063,
99.4514

■ 5.6549, 9.1592,
10.1223

■ 93.3000, 117.1624,
128.3853

■ 2.6750, 4.8452,
5.3735

■ 119.7458,
148.3191, 162.4483

■ 0.9843, 2.1567,
2.4055

150.7690,
184.5610, 202.0591

■ 0.0000, 0.6962,
0.7894

186.7350,

■ 0.0000, 0.0000,

226.2724, 247.6361

0.0000

228.0090,
273.8377, 299.5980

■ 25.9829, 35.6986,
39.2393

■ 25.9829, 35.6986,
39.2393

■ 24.2526, 34.8377,
37.7943

■ 28.1238, 36.7722,
40.7383

■ 22.9002, 34.1700,
36.3991

■ 30.6988, 38.0680,
42.2901

■ 21.8935, 33.6797,
35.0527

■ 33.7332, 39.5998,
43.8971

■ 21.1928, 33.3466,
33.7532

■ 37.2494, 41.3793,
45.5604

■ 20.7142, 33.1272,
32.4963

■ 41.2684, 43.4173,
47.2814

■ 20.7142, 33.1272,
32.4961

■ 45.8100, 45.7239,
49.0610

■ 50.8928, 48.3087,
50.9004

■ 56.5346, 51.1810,
52.8007

■ 62.7523, 54.3493,
54.7629

Harmonies

Analogous

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



26.9115, 35.6986, 27.9918



25.9829, 35.6986, 39.2393



27.0219, 35.6986, 53.0347

Triad

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



25.9829, 35.6986, 39.2393



38.5707, 35.6986, 64.3039



38.3285, 35.6986, 20.9752

Complementary

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



25.9829, 35.6986, 39.2393



23.8437, 17.1899, 14.8947

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.



41.9263, 35.6986, 27.4823



25.9829, 35.6986, 39.2393



42.0746, 35.6986, 52.2536

Square

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



25.9829, 35.6986, 39.2393



34.0593, 35.6986, 69.3375



43.3529, 35.6986, 38.5024



33.8020, 35.6986, 18.9619

Rectangle

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



25.9829, 35.6986, 39.2393



28.7486, 35.6986, 61.4655



43.3529, 35.6986, 38.5024



39.7003, 35.6986, 22.6262

Sweetspot

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



25.9839, 35.7000, 39.2401



64.0875, 73.2897, 81.0277



23.0124, 34.7078, 14.7197



13.6100, 15.7420, 17.4263



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.



25.9839, 35.7000, 39.2401



43.6952, 63.0382, 68.2734



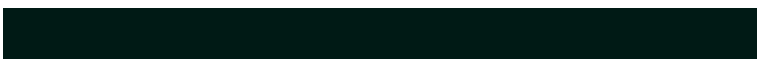
22.4730, 26.4323, 44.9934



8.6792, 9.6062, 10.5704



15.2166, 24.3126, 23.9412



0.4952, 0.7715, 0.8397

Inverse Universe

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



23.8437, 17.1899, 14.8947



39.3931, 25.6042, 19.1684



25.8972, 22.3960, 12.1912



8.5535, 8.5281, 9.1473



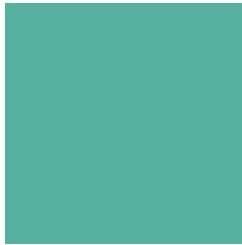
13.3242, 6.8473, 1.6015



0.4372, 0.2226, 0.1448

Previews

White Background



This preview shows how the XYZ color 25.9829, 35.6986, 39.2393 looks on a white background.

Color Contrast Check

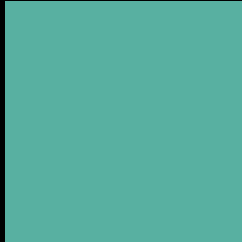
Large Text (above 18pt) WCAG AA × Fail

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 25.9829, 35.6986, 39.2393 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

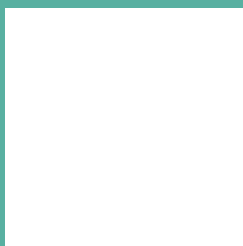
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9829, 35.6986, 39.2393

Background



This preview shows how black text looks on a background with the XYZ color 25.9829, 35.6986, 39.2393.

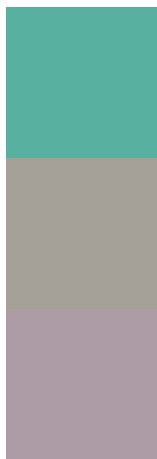


This preview shows how white text looks on a background with the XYZ color 25.9829, 35.6986,

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

25.9829, 35.6986, 39.2393

Protanopia

33.7554, 35.4079, 34.7611

Deuteranopia

35.7465, 35.0435, 40.4773



Tritanopia

28.4393, 35.5370, 51.8148

Trichromacy



Original Color

25.9829, 35.6986, 39.2393

Protanomaly

29.8691, 34.9574, 36.1835

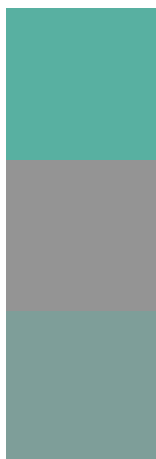
Deuteranomaly

30.9534, 34.6255, 40.1739

Tritanomaly

27.3936, 35.3886, 46.9819

Monochromacy



Original Color

25.9829, 35.6986, 39.2393

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.5808, 31.1892, 34.7562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9829, 35.6986, 39.2393 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(88, 176, 161)` looks like.

```
.text, #text, p{  
    color:rgb(88, 176, 161)  
}
```

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(88, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 176, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.9829, 35.6986, 39.2393 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(88, 176, 161) }
```


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

```
.border{ border-color:rgb(88, 176, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 176, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(88, 176,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9829, 35.6986, 39.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 176, 161) }
```

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

```
.background{ background-color: rgb(88, 176,  
161) }
```

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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