

Converting Colors

XYZ(17.9671, 25.1581, 35.1619)

Have a look what the booklet for
XYZ(17.9671, 25.1581, 35.1619)
contains.

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Color

**XYZ(18.0657, 25.2881,
35.3814)**

Conversions

Conversions Part 1

Format	Color
Hex	27989C
RGB	39, 152, 156
RGB Percent	15%, 60%, 61%
CMY	0.8470, 0.4039, 0.3882
CMYK	0.75, 0.03, 0.00, 0.39
HSL	182°, 60%, 38%
HSV	182°, 75%, 61%
XYZ	18.0657, 25.2881, 35.3814
YIQ	118.6690, -68.6320, -22.7120

Conversions

Conversions Part 2

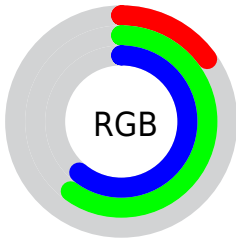
Format	Color
R _Y B	39, 96, 156
Decimal	2594972
CIE Lab	57.36, -28.70, -11.03
CIE LCh	57, 30.749, 201.012
Yxy	25.2881, 0.2294, 0.3212
Android (android.graphics.Color)	4280785052 (0xFF27989C)
YUV	118.6690, 18.4042, -69.8697
Hunter-Lab	50.2873, -23.8766, -6.5145

Details

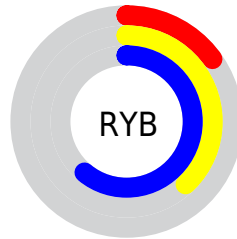
The XYZ color **18.0657, 25.2881, 35.3814** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.9410, 8.9429, 2.8589**, and the grayscale version is **17.3905, 18.2961, 19.9245**.

A 20% lighter version of the original color is **39.6546, 52.2218, 68.9626**, and **7.1070, 10.1343, 14.9461** is the 20% darker color. If you saturate the color by 10%, you get **17.5059, 24.8719, 35.3310**, and if you desaturate by 10%, it is **18.8704, 25.8322, 35.4445**.

Distribution



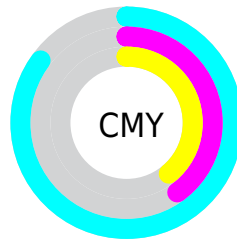
- Red (15%)
- Green (60%)
- Blue (61%)



- Red (15%)
- Yellow (38%)
- Blue (61%)



- Cyan (75%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (85%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0657, 25.2881, 35.3814 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 18.0657, 25.2881, 35.3814 by changing the saturation by 10% instead.

■ 18.0657, 25.2881,
35.3814

■ 18.0657, 25.2881,
35.3814

234.2795,
279.2697, 341.2039

■ 11.0971, 16.2918,
23.6709

■ 39.6784, 52.1242,
69.2345

■ 6.2000, 9.7309,
14.8797

■ 55.0534, 70.7329,
92.2141

■ 3.0089, 5.2209,
8.5893

■ 73.9611, 93.3144,
119.7872

■ 1.1585, 2.3774,
4.3812

■ 96.7670, 120.2533,
152.3724

■ 0.0732, 0.8143,
1.8367

■ 123.8364,
151.9338, 190.3881

■ 0.0000, 0.0000,
0.4520

■ 155.5348,

■ 0.0000, 0.0000,

188.7405, 234.2529

0.0000

192.2273,
231.0576, 284.3853

■ 18.0657, 25.2881,
35.3814

■ 18.0657, 25.2881,
35.3814

■ 17.5059, 24.8719,
35.3310

■ 18.8704, 25.8322,
35.4445

■ 17.1549, 24.5633,
35.2900

■ 19.9442, 26.5152,
35.5197

■ 17.0142, 24.4271,
35.2711

■ 21.3110, 27.3497,
35.6087

■ 22.9915, 28.3465,
35.7126

■ 25.0044, 29.5153,
35.8321

■ 27.3671, 30.8650,
35.9681

■ 30.0955, 32.4038,
36.1213

■ 33.2049, 34.1396,
36.2924

■ 36.7095, 36.0796,
36.4822

Harmonies

Analogous

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



17.7532, 25.2881, 24.5144



18.0657, 25.2881, 35.3814



19.8880, 25.2881, 46.2803

Triad

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



18.0657, 25.2881, 35.3814



29.9086, 25.2881, 42.2014



25.1479, 25.2881, 12.0802

Complementary

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



18.0657, 25.2881, 35.3814



14.9410, 8.9429, 2.8589

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.



28.7230, 25.2881, 14.6884



18.0657, 25.2881, 35.3814



31.6486, 25.2881, 30.7928

Square

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



18.0657, 25.2881, 35.3814



26.6386, 25.2881, 50.8592



31.1940, 25.2881, 20.9430



21.6079, 25.2881, 12.7198

Rectangle

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



18.0657, 25.2881, 35.3814



21.8253, 25.2881, 51.2252



31.1940, 25.2881, 20.9430



26.3902, 25.2881, 12.5754

Sweetspot

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



18.0665, 25.2890, 35.3820



46.4510, 54.2029, 65.1407



13.1600, 24.3825, 6.2894



10.0004, 11.8001, 14.3209



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.0665, 25.2890, 35.3820



31.3270, 44.7750, 64.1181



10.8056, 10.7672, 32.9617



6.8024, 7.4706, 8.4901



14.0197, 20.1309, 29.0540



0.2561, 0.3707, 0.5213

Inverse Universe

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



20.1040, 10.7867, 30.7292



35.3204, 17.4164, 54.7598



18.7699, 16.6007, 4.1352



6.8944, 6.7507, 8.2948



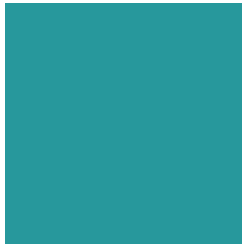
15.8747, 7.6544, 24.6548



0.2866, 0.1380, 0.4552

Previews

White Background



This preview shows how the XYZ color 18.0657, 25.2881, 35.3814 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0657, 25.2881, 35.3814 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 × Fail

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

XYZ 18.0657, 25.2881, 35.3814

Background



This preview shows how black text looks on a background with the XYZ color 18.0657, 25.2881, 35.3814.

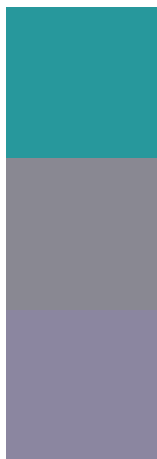


This preview shows how white text looks on a background with the XYZ color 18.0657, 25.2881,

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

18.0657, 25.2881, 35.3814

Protanopia

24.3090, 25.0020, 30.7388

Deuteranopia

25.5177, 25.0772, 36.7532



Tritanopia

18.7162, 25.3130, 38.5498

Trichromacy



Original Color

18.0657, 25.2881, 35.3814

Protanomaly

20.5449, 24.3147, 32.4645

Deuteranomaly

21.3764, 24.4365, 36.3910

Tritanomaly

18.3666, 25.1635, 37.1467

Monochromacy



Original Color

18.0657, 25.2881, 35.3814

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.4976, 20.0722, 24.8346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0657, 25.2881, 35.3814 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(39, 152, 156)` looks like.

```
.text, #text, p{  
    color:rgb(39, 152, 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(39, 152, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 152, 156) }
```

Border

The CSS property to change the border of an element to XYZ 18.0657, 25.2881, 35.3814 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(39, 152, 156) }
```


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

```
.border{ border-color:rgb(39, 152, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 152, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 152, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 152, 156);  
box-shadow:4px 4px 4px 4px rgb(39, 152,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0657, 25.2881, 35.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 152, 156) }
```

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

```
.background{ background-color: rgb(39, 152,  
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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