

Converting Colors

XYZ(9.5446, 21.0077, 38.9367)

Have a look what the booklet for
XYZ(9.5446, 21.0077, 38.9367)
contains.

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Color

**XYZ(18.1828, 25.4991,
39.5608)**

Conversions

Conversions Part 1

Format	Color
Hex	0099A5
RGB	0, 153, 165
RGB Percent	0%, 60%, 65%
CMY	0.9999, 0.4000, 0.3529
CMYK	1.00, 0.07, 0.00, 0.35
HSL	184°, 100%, 32%
HSV	184°, 100%, 65%
XYZ	18.1828, 25.4991, 39.5608
YIQ	108.6210, -95.0400, -28.7040

Conversions

Conversions Part 2

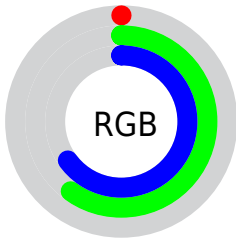
Format	Color
RYB	0, 79, 165
Decimal	39333
CIELab	57.56, -28.96, -15.89
CIELCh	58, 33.034, 208.749
Yxy	25.4991, 0.2184, 0.3063
Android (android.graphics.Color)	4278229413 (0xFF0099A5)
YUV	108.6210, 27.7948, -95.2606
Hunter-Lab	50.4966, -24.0949, -11.1022

Details

The XYZ color **18.1828, 25.4991, 39.5608** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.6493, 8.2632, 0.7710**, and the grayscale version is **14.3747, 15.1233, 16.4693**.

A 20% lighter version of the original color is **39.8878, 52.5544, 75.7518**, and **7.6343, 10.4996, 17.2470** is the 20% darker color. If you saturate the color by 10%, you get **18.1828, 25.4991, 39.5613**, and if you desaturate by 10%, it is **18.6035, 26.0096, 39.6376**.

Distribution



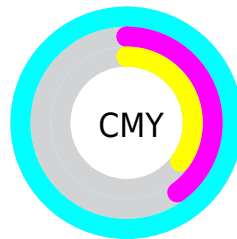
- Red (0%)
- Green (60%)
- Blue (65%)



- Red (0%)
- Yellow (31%)
- Blue (65%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1828, 25.4991, 39.5608 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 18.1828, 25.4991, 39.5608 by changing the saturation by 10% instead.

■ 18.1828, 25.4991,
39.5608

■ 18.1828, 25.4991,
39.5608

■ 234.9251,
280.3145, 359.7658

■ 11.1818, 16.4493,
26.8851

■ 39.8762, 52.4658,
75.7240

■ 6.2574, 9.8426,
17.2553

■ 55.2993, 71.1514,
100.0486

■ 3.0444, 5.2947,
10.2528

■ 74.2605, 93.8178,
129.0932

■ 1.1773, 2.4212,
5.4591

■ 97.1251, 120.8493,
163.2764

■ 0.0883, 0.8368,
2.4557

■ 124.2586,
152.6303, 203.0167

■ 0.0000, 0.0000,
0.8165

■ 156.0261,

■ 0.0000, 0.0000,

189.5452, 248.7327

0.0000

192.7932,
231.9785, 300.8429

■ 18.1828, 25.4991,
39.5608

■ 18.1828, 25.4991,
39.5608

■ 18.1828, 25.4991,
39.5613

■ 18.6035, 26.0096,
39.6376

■ 19.2083, 26.6174,
39.7231

■ 20.0739, 27.3626,
39.8213

■ 21.2337, 28.2624,
39.9339

■ 22.7163, 29.3316,
40.0621

■ 24.5467, 30.5831,
40.2072

■ 26.7474, 32.0285,
40.3702

■ 29.3392, 33.6784,
40.5520

■ 32.3411, 35.5428,
40.7537

Harmonies

Analogous

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



17.4241, 25.4991, 27.2932



18.1828, 25.4991, 39.5608



20.5148, 25.4991, 50.7479

Triad

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



18.1828, 25.4991, 39.5608



31.3062, 25.4991, 40.6087



24.4019, 25.4991, 11.2322

Complementary

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



18.1828, 25.4991, 39.5608



15.6493, 8.2632, 0.7710

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.



28.3823, 25.4991, 13.0404



18.1828, 25.4991, 39.5608



32.6259, 25.4991, 28.2405

Square

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



18.1828, 25.4991, 39.5608



28.0653, 25.4991, 51.4593



31.5028, 25.4991, 18.5821



20.7721, 25.4991, 12.7563

Rectangle

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



18.1828, 25.4991, 39.5608



22.7880, 25.4991, 54.9410



31.5028, 25.4991, 18.5821



25.7444, 25.4991, 11.4589

Sweetspot

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



18.1836, 25.5000, 39.5614



47.6596, 57.2031, 72.2817



13.5163, 26.9351, 4.8041



10.0613, 12.2725, 15.7761



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



18.1836, 25.5000, 39.5614



32.4994, 45.5377, 70.8291



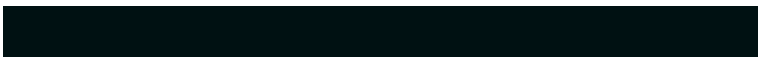
9.0784, 7.2895, 36.5263



7.2318, 7.9227, 9.0511



13.7709, 19.3213, 29.9334



0.3015, 0.4303, 0.6330

Inverse Universe

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



21.2676, 10.3001, 31.0051



38.0547, 18.4322, 55.3541



19.4771, 15.9188, 2.0470



7.3420, 7.1932, 8.7873



16.0964, 7.7946, 23.4960



0.3444, 0.1662, 0.5260

Previews

White Background



This preview shows how the XYZ color 18.1828, 25.4991, 39.5608 looks on a white background.

Color Contrast Check

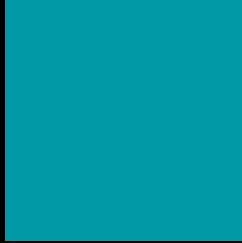
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1828, 25.4991, 39.5608 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

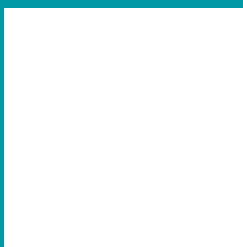
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1828, 25.4991, 39.5608

Background



This preview shows how black text looks on a background with the XYZ color 18.1828, 25.4991, 39.5608.



This preview shows how white text looks on a background with the XYZ color 18.1828, 25.4991,

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

18.1828, 25.4991, 39.5608

Protanopia

24.7701, 25.3753, 34.1643

Deuteranopia

25.8171, 25.3434, 41.0672



Tritanopia

18.2579, 25.5378, 39.5643

Trichromacy



Original Color

18.1828, 25.4991, 39.5608

Protanomaly

19.8318, 24.0920, 35.9527

Deuteranomaly

20.5786, 24.1516, 40.6229

Tritanomaly

18.2328, 25.5249, 39.5631

Monochromacy



Original Color

18.1828, 25.4991, 39.5608

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.7503, 17.5174, 23.4254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1828, 25.4991, 39.5608 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(0, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 165)  
}
```

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(0, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 165) }
```

Border

The CSS property to change the border of an element to XYZ 18.1828, 25.4991, 39.5608 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(0, 153, 165) }
```


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

```
.border{ border-color:rgb(0, 153, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1828, 25.4991, 39.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 165) }
```

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

```
.background{ background-color: rgb(0, 153,  
165) }
```

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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