

Converting Colors

XYZ(18.6843, 26.0152, 41.2292)

Have a look what the booklet for
XYZ(18.6843, 26.0152, 41.2292)
contains.

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Color

**XYZ(18.6235, 25.9384,
41.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	009AA8
RGB	0, 154, 168
RGB Percent	0%, 60%, 66%
CMY	0.9999, 0.3961, 0.3412
CMYK	1.00, 0.08, 0.00, 0.34
HSL	185°, 100%, 33%
HSV	185°, 100%, 66%
XYZ	18.6235, 25.9384, 41.0708
YIQ	109.5500, -96.2780, -28.2940

Conversions

Conversions Part 2

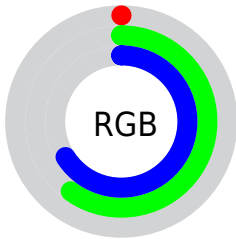
Format	Color
RYB	0, 80, 168
Decimal	39592
CIELab	57.98, -28.46, -16.96
CIELCh	58, 33.132, 210.785
Yxy	25.9384, 0.2175, 0.3029
Android (android.graphics.Color)	4278229672 (0xFF009AA8)
YUV	109.5500, 28.8159, -96.0754
Hunter-Lab	50.9298, -23.8549, -12.1618

Details

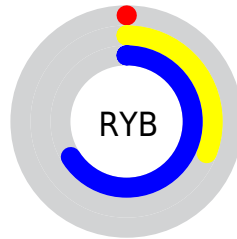
The XYZ color **18.6235, 25.9384, 41.0708** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.3062, 8.6398, 0.8091**, and the grayscale version is **14.6352, 15.3974, 16.7677**.

A 20% lighter version of the original color is **40.6339, 53.2558, 77.9498**, and **7.9038, 10.7637, 18.1840** is the 20% darker color. If you saturate the color by 10%, you get **18.6235, 25.9383, 41.0713**, and if you desaturate by 10%, it is **19.0845, 26.5217, 41.1596**.

Distribution



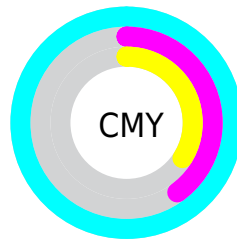
- Red (0%)
- Green (60%)
- Blue (66%)



- Red (0%)
- Yellow (31%)
- Blue (66%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6235, 25.9384, 41.0708 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 18.6235, 25.9384, 41.0708 by changing the saturation by 10% instead.

■ 18.6235, 25.9384,
41.0708

■ 18.6235, 25.9384,
41.0708

■ 237.3405,
282.4796, 366.3018

■ 11.5009, 16.7776,
28.0543

■ 40.6187, 53.1756,
78.0462

■ 6.4746, 10.0760,
18.1272

■ 56.2221, 72.0207,
102.8422

■ 3.1791, 5.4494,
10.8710

■ 75.3832, 94.8626,
132.4017

■ 1.2492, 2.5133,
5.8670

■ 98.4672, 122.0859,
167.1434

■ 0.1447, 0.8833,
2.6969

■ 125.8396,
154.0748, 207.4856

■ 0.0000, 0.0000,
0.9419

■ 157.8657,

■ 0.0000, 0.0000,

191.2138, 253.8471

0.0000

194.9109,
233.8873, 306.6463

■ 18.6235, 25.9384,
41.0708

■ 18.6235, 25.9384,
41.0708

■ 18.6235, 25.9383,
41.0713

■ 19.0845, 26.5217,
41.1596

■ 19.7391, 27.2082,
41.2576

■ 20.6661, 28.0392,
41.3691

■ 21.9006, 29.0327,
41.4958

■ 23.4722, 30.2041,
41.6391

■ 25.4073, 31.5670,
41.8002

■ 27.7293, 33.1334,
41.9801

■ 30.4601, 34.9146,
42.1800

■ 33.6195, 36.9209,
42.4008

Harmonies

Analogous

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



17.7403, 25.9384, 28.5451



18.6235, 25.9384, 41.0708



21.0898, 25.9384, 52.1355

Triad

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



18.6235, 25.9384, 41.0708



31.9875, 25.9384, 40.4042



24.5486, 25.9384, 11.4569

Complementary

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



18.6235, 25.9384, 41.0708



16.3062, 8.6398, 0.8091

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.



28.5980, 25.9384, 13.0594



18.6235, 25.9384, 41.0708



33.1637, 25.9384, 27.9421

Square

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



18.6235, 25.9384, 41.0708



28.7997, 25.9384, 51.6832



31.8625, 25.9384, 18.4094



20.9259, 25.9384, 13.2405

Rectangle

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



18.6235, 25.9384, 41.0708



23.4434, 25.9384, 56.0134



31.8625, 25.9384, 18.4094



25.9049, 25.9384, 11.6122

Sweetspot

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



18.6243, 25.9393, 41.0714



50.0594, 59.9529, 76.1588



14.0826, 28.0376, 5.0860



10.5252, 12.8093, 16.5698



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



18.6243, 25.9393, 41.0714



33.7179, 46.9146, 74.5034



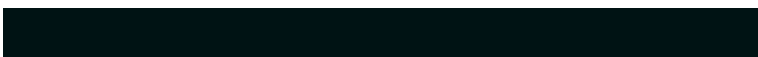
9.2596, 7.2099, 37.9499



7.6933, 8.4235, 9.6388



14.0817, 19.6235, 31.0210



0.3577, 0.5076, 0.7598

Inverse Universe

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



21.9819, 10.6588, 31.4716



39.8492, 19.3248, 56.9027



20.5177, 17.0628, 2.2129



7.8145, 7.6557, 9.3406



16.6084, 8.0521, 23.8130



0.4117, 0.1990, 0.6194

Previews

White Background



This preview shows how the XYZ color 18.6235, 25.9384, 41.0708 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 18.6235, 25.9384, 41.0708 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

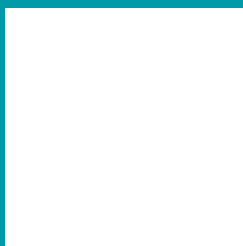
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.6235, 25.9384, 41.0708

Background



This preview shows how black text looks on a background with the XYZ color 18.6235, 25.9384, 41.0708.

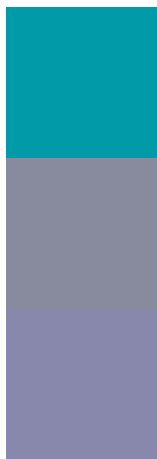


This preview shows how white text looks on a background with the XYZ color 18.6235, 25.9384,

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

18.6235, 25.9384, 41.0708

Protanopia

25.3276, 25.8455, 35.5521

Deuteranopia

26.2422, 25.7378, 42.6145



Tritanopia

18.5307, 25.9012, 40.5820

Trichromacy



Original Color

18.6235, 25.9384, 41.0708

Protanomaly

20.3368, 24.5460, 37.3842

Deuteranomaly

21.0109, 24.5636, 42.1619

Tritanomaly

18.5307, 25.9012, 40.5820

Monochromacy



Original Color

18.6235, 25.9384, 41.0708

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.0834, 17.8625, 24.1783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6235, 25.9384, 41.0708 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, 154, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 168)  
}
```

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, 154, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 168) }
```

Border

The CSS property to change the border of an element to XYZ 18.6235, 25.9384, 41.0708 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, 154, 168) }
```


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

```
.border{ border-color:rgb(0, 154, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 154, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6235, 25.9384, 41.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 168) }
```

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

```
.background{ background-color: rgb(0, 154,  
168) }
```

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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