

Converting Colors

XYZ(15.9019, 25.3079, 31.4059)

Have a look what the booklet for
XYZ(15.9019, 25.3079, 31.4059)
contains.

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Color

**XYZ(17.0768, 25.8523,
31.2841)**

Conversions

Conversions Part 1

Format	Color
Hex	009C92
RGB	0, 156, 146
RGB Percent	0%, 61%, 57%
CMY	0.9999, 0.3882, 0.4274
CMYK	1.00, 0.00, 0.06, 0.39
HSL	176°, 100%, 31%
HSV	176°, 100%, 61%
XYZ	17.0768, 25.8523, 31.2841
YIQ	108.2160, -89.7660, -36.1820

Conversions

Conversions Part 2

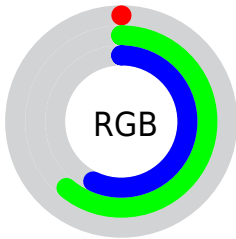
Format	Color
RYB	0, 81, 156
Decimal	40082
CIELab	57.90, -36.38, -4.56
CIELCh	58, 36.668, 187.151
Yxy	25.8523, 0.2301, 0.3484
Android (android.graphics.Color)	4278230162 (0xFF009C92)
YUV	108.2160, 18.6275, -94.9054
Hunter-Lab	50.8452, -29.0282, -0.8884

Details

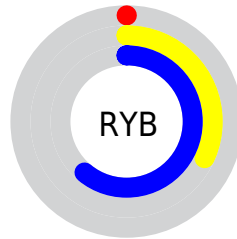
The XYZ color **17.0768, 25.8523, 31.2841** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **13.7659, 7.0906, 0.9309**, and the grayscale version is **14.2840, 15.0279, 16.3654**.

A 20% lighter version of the original color is **37.9360, 52.9323, 62.8611**, and **7.0616, 10.7452, 12.7682** is the 20% darker color. If you saturate the color by 10%, you get **17.0772, 25.8531, 31.2841**, and if you desaturate by 10%, it is **17.3628, 25.9913, 31.7061**.

Distribution



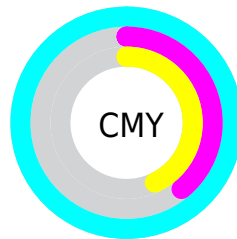
- Red (0%)
- Green (61%)
- Blue (57%)



- Red (0%)
- Yellow (32%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0768, 25.8523, 31.2841 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 17.0768, 25.8523, 31.2841 by changing the saturation by 10% instead.

■ 17.0768, 25.8523,
31.2841

■ 17.0768, 25.8523,
31.2841

■ 228.7622,
282.0563, 322.2367

■ 10.3849, 16.7132,
20.5550

■ 38.0003, 53.0366,
62.7719

■ 5.7191, 10.0302,
12.6110

■ 52.9627, 71.8505,
84.3677

■ 2.7141, 5.4190,
7.0337

■ 71.4125, 94.6582,
110.4228

■ 1.0044, 2.4951,
3.4044

■ 93.7153, 121.8440,
141.3557

■ 0.0000, 0.8742,
1.3047

■ 120.2363,
153.7923, 177.5850

■ 0.0000, 0.0000,
0.0656

■ 151.3408,

■ 0.0000, 0.0000,

190.8875, 219.5292

0.0000

187.3944,
233.5140, 267.6070

■ 17.0768, 25.8523,
31.2841

■ 17.0768, 25.8523,
31.2841

■ 17.0772, 25.8531,
31.2841

■ 17.3628, 25.9913,
31.7061

■ 17.8061, 26.2107,
32.1384

■ 18.4780, 26.5479,
32.5850

■ 19.4073, 27.0177,
33.0472

■ 20.6188, 27.6329,
33.5262

■ 22.1342, 28.4047,
34.0230

■ 23.9732, 29.3432,
34.5386

■ 26.1537, 30.4577,
35.0738

■ 28.6924, 31.7568,
35.6294

Harmonies

Analogous

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



17.5518, 25.8523, 19.7269



17.0768, 25.8523, 31.2841



18.4096, 25.8523, 45.5254

Triad

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



17.0768, 25.8523, 31.2841



30.0614, 25.8523, 52.3034



28.0165, 25.8523, 11.1668

Complementary

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



17.0768, 25.8523, 31.2841



13.7659, 7.0906, 0.9309

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.



31.9753, 25.8523, 15.8744



17.0768, 25.8523, 31.2841



33.2512, 25.8523, 38.6798

Square

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



17.0768, 25.8523, 31.2841



25.6435, 25.8523, 59.8055



33.9905, 25.8523, 25.2302



23.5304, 25.8523, 10.2647

Rectangle

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



17.0768, 25.8523, 31.2841



20.2502, 25.8523, 53.9013



33.9905, 25.8523, 25.2302



29.4684, 25.8523, 12.2697

Sweetspot

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



17.0776, 25.8533, 31.2847



43.3202, 53.1812, 62.6719



12.0195, 23.8451, 3.9697



9.2331, 11.5494, 13.7095



74.8435, 78.7412, 85.7492



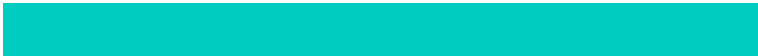
12.6291, 13.2868, 14.4694

Same Dimension

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



17.0776, 25.8533, 31.2847



30.9880, 46.9438, 56.6717



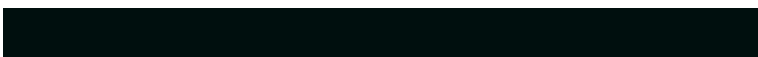
9.5248, 9.4476, 32.7752



6.8035, 7.5021, 8.3997



14.0707, 21.2962, 25.7932



0.2565, 0.3828, 0.4873

Inverse Universe

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



13.7659, 7.0906, 0.9309



24.9750, 12.8666, 1.5507



15.7547, 11.1559, 1.3236



6.6495, 6.6527, 7.0051



11.3433, 5.8419, 0.7927



0.2073, 0.1062, 0.0378

Previews

White Background



This preview shows how the XYZ color 17.0768, 25.8523, 31.2841 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 17.0768, 25.8523, 31.2841 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

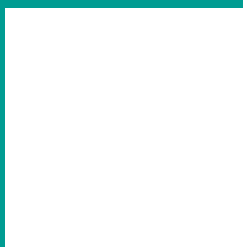
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0768, 25.8523, 31.2841

Background



This preview shows how black text looks on a background with the XYZ color 17.0768, 25.8523, 31.2841.



This preview shows how white text looks on a background with the XYZ color 17.0768, 25.8523,

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

17.0768, 25.8523, 31.2841

Protanopia

24.4462, 25.5889, 26.5724

Deuteranopia

26.1039, 25.6733, 32.8578



Tritanopia

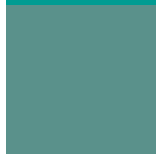
19.0017, 25.9107, 40.0762

Trichromacy



Original Color

17.0768, 25.8523, 31.2841



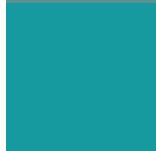
Protanomaly

19.0020, 24.2885, 28.1127



Deuteranomaly

19.7615, 24.1420, 32.0521



Tritanomaly

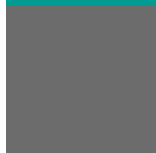
18.1670, 25.7966, 36.8226

Monochromacy



Original Color

17.0768, 25.8523, 31.2841



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

13.3007, 17.3376, 21.0578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0768, 25.8523, 31.2841 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, 156, 146)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 146)  
}
```

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, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 146) }
```

Border

The CSS property to change the border of an element to XYZ 17.0768, 25.8523, 31.2841 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, 156, 146) }
```


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

```
.border{ border-color:rgb(0, 156, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 146);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0768, 25.8523, 31.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 146) }
```

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

```
.background{ background-color: rgb(0, 156,  
146) }
```

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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