

Converting Colors

XYZ(16.9888, 25.5219, 31.6354)

Have a look what the booklet for
XYZ(16.9888, 25.5219, 31.6354)
contains.

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Color

**XYZ(17.0128, 25.5622,
31.6411)**

Conversions

Conversions Part 1

Format	Color
Hex	029B93
RGB	2, 155, 147
RGB Percent	1%, 61%, 58%
CMY	0.9921, 0.3921, 0.4235
CMYK	0.99, 0.00, 0.05, 0.39
HSL	177°, 97%, 31%
HSV	177°, 99%, 61%
XYZ	17.0128, 25.5622, 31.6411
YIQ	108.3410, -88.6200, -34.9240

Conversions

Conversions Part 2

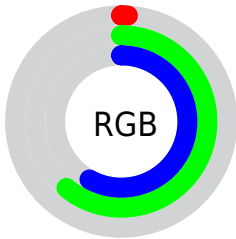
Format	Color
RYB	2, 81, 155
Decimal	170899
CIELab	57.62, -35.54, -5.54
CIELCh	58, 35.970, 188.865
Yxy	25.5622, 0.2292, 0.3444
Android (android.graphics.Color)	4278360979 (0xFF029B93)
YUV	108.3410, 19.0589, -93.2611
Hunter-Lab	50.5591, -28.4143, -1.7138

Details

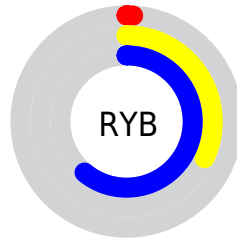
The XYZ color **17.0128, 25.5622, 31.6411** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **13.5948, 7.0345, 0.9290**, and the grayscale version is **14.3173, 15.0629, 16.4035**.

A 20% lighter version of the original color is **37.9036, 52.5344, 63.4008**, and **7.0079, 10.5636, 12.9789** is the 20% darker color. If you saturate the color by 10%, you get **16.9800, 25.5468, 31.5970**, and if you desaturate by 10%, it is **17.2927, 25.6997, 31.9881**.

Distribution



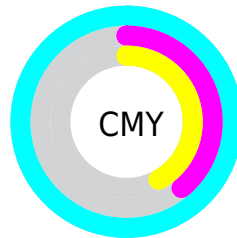
- Red (1%)
- Green (61%)
- Blue (58%)



- Red (1%)
- Yellow (32%)
- Blue (61%)



- Cyan (99%)
- Magenta (0%)
- Yellow (5%)
- Black (39%)



- Cyan (99%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0128, 25.5622, 31.6411 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 17.0128, 25.5622, 31.6411 by changing the saturation by 10% instead.

■ 17.0128, 25.5622,
31.6411

■ 17.0128, 25.5622,
31.6411

■ 228.4009,
280.6263, 323.9233

■ 10.3390, 16.4964,
20.8250

■ 37.8912, 52.5678,
63.3394

■ 5.6883, 9.8761,
12.8061

■ 52.8265, 71.2764,
85.0586

■ 2.6953, 5.3169,
7.1660

■ 71.2463, 93.9681,
111.2493

■ 0.9948, 2.4344,
3.4861

■ 93.5160, 121.0273,
142.3299

■ 0.0000, 0.8435,
1.3479

■ 120.0010,
152.8382, 178.7191

■ 0.0000, 0.0000,
0.1006

■ 151.0666,

■ 0.0000, 0.0000,

189.7855, 220.8354

0.0000

187.0781,
232.2534, 269.0973

■ 17.0128, 25.5622,
31.6411

■ 17.0128, 25.5622,
31.6411

■ 16.9800, 25.5468,
31.5970

■ 17.2927, 25.6997,
31.9881

■ 17.7442, 25.9250,
32.3448

■ 18.4247, 26.2684,
32.7147

■ 19.3620, 26.7440,
33.0989

■ 20.5798, 27.3642,
33.4986

■ 22.0994, 28.1400,
33.9147

■ 23.9399, 29.0811,
34.3483

■ 26.1188, 30.1966,
34.8001

■ 28.6523, 31.4949,
35.2708

Harmonies

Analogous

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



17.3758, 25.5622, 20.1432



17.0128, 25.5622, 31.6411



18.4141, 25.5622, 45.4775

Triad

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



17.0128, 25.5622, 31.6411



29.8581, 25.5622, 50.6212



27.3985, 25.5622, 11.0820

Complementary

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



17.0128, 25.5622, 31.6411



13.5948, 7.0345, 0.9290

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.



31.3137, 25.5622, 15.4688



17.0128, 25.5622, 31.6411



32.8460, 25.5622, 37.2661

Square

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



17.0128, 25.5622, 31.6411



25.5918, 25.5622, 58.3697



33.4080, 25.5622, 24.3432



23.0449, 25.5622, 10.3886

Rectangle

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



17.0128, 25.5622, 31.6411



20.2696, 25.5622, 53.3968



33.4080, 25.5622, 24.3432



28.8234, 25.5622, 12.0947

Sweetspot

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



17.0136, 25.5632, 31.6417



42.2052, 51.7380, 61.3631



11.8875, 23.5277, 3.9727



9.2540, 11.5578, 13.8199



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.



17.0136, 25.5632, 31.6417



30.3862, 45.7412, 56.4680



9.4900, 9.4760, 32.3403



6.3706, 7.0210, 7.8751



13.6424, 20.5204, 25.4012



0.2076, 0.3082, 0.3991

Inverse Universe

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



13.5948, 7.0345, 0.9290



24.2663, 12.5031, 1.4371



15.6151, 11.1451, 1.3861



6.2212, 6.2277, 6.5452



10.8976, 5.6133, 0.7197



0.1660, 0.0851, 0.0268

Previews

White Background



This preview shows how the XYZ color 17.0128, 25.5622, 31.6411 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 17.0128, 25.5622, 31.6411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

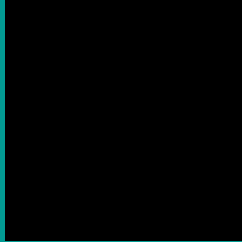
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.0128, 25.5622, 31.6411

Background



This preview shows how black text looks on a background with the XYZ color 17.0128, 25.5622, 31.6411.



This preview shows how white text looks on a background with the XYZ color 17.0128, 25.5622,

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

17.0128, 25.5622, 31.6411

Protanopia

24.2048, 25.2443, 26.8895

Deuteranopia

25.8696, 25.3369, 33.2328



Tritanopia

18.7129, 25.5304, 39.5389

Trichromacy



Original Color

17.0128, 25.5622, 31.6411

Protanomaly

18.9233, 24.0136, 28.4487

Deuteranomaly

19.6922, 23.8752, 32.4246

Tritanomaly

17.9161, 25.4332, 36.3126

Monochromacy



Original Color

17.0128, 25.5622, 31.6411

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 17.0128, 25.5622, 31.6411 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(2, 155, 147)` looks like.

```
.text, #text, p{  
    color:rgb(2, 155, 147)  
}
```

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(2, 155, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 155, 147) }
```

Border

The CSS property to change the border of an element to XYZ 17.0128, 25.5622, 31.6411 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(2, 155, 147) }
```


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

```
.border{ border-color:rgb(2, 155, 147) }
```

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

Here you see how a box with a 4 pixel rgb(2, 155, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 155, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 155, 147);  
box-shadow:4px 4px 4px 4px rgb(2, 155,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0128, 25.5622, 31.6411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 155, 147) }
```

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

```
.background{ background-color: rgb(2, 155,  
147) }
```

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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