

Converting Colors

XYZ(11.8226, 24.7201, 26.2204)

Have a look what the booklet for
XYZ(11.8226, 24.7201, 26.2204)
contains.

XYZ(17.1540, 27.5341, 26.6008)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.1540, 27.5341,
26.6008)**

Conversions

Conversions Part 1

Format	Color
Hex	00A285
RGB	0, 162, 133
RGB Percent	0%, 64%, 52%
CMY	0.9999, 0.3647, 0.4784
CMYK	1.00, 0.00, 0.18, 0.36
HSL	169°, 100%, 32%
HSV	169°, 100%, 64%
XYZ	17.1540, 27.5341, 26.6008
YIQ	110.2560, -87.2430, -43.3630

Conversions

Conversions Part 2

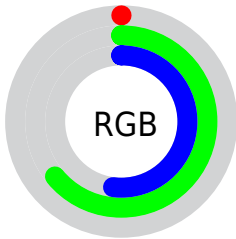
Format	Color
RYB	0, 89, 162
Decimal	41605
CIELab	59.47, -42.72, 5.08
CIELCh	59, 43.023, 173.213
Yxy	27.5341, 0.2406, 0.3862
Android (android.graphics.Color)	4278231685 (0xFF00A285)
YUV	110.2560, 11.2128, -96.6945
Hunter-Lab	52.4729, -33.4740, 6.6744

Details

The XYZ color **17.1540, 27.5341, 26.6008** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **15.1231, 7.7709, 1.8668**, and the grayscale version is **14.8835, 15.6586, 17.0522**.

A 20% lighter version of the original color is **38.2487, 55.9121, 55.2306**, and **7.0689, 11.5774, 10.2496** is the 20% darker color. If you saturate the color by 10%, you get **17.1542, 27.5349, 26.6000**, and if you desaturate by 10%, it is **17.5752, 27.7284, 27.6818**.

Distribution



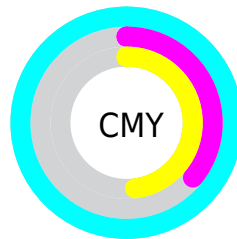
- Red (0%)
- Green (64%)
- Blue (52%)



- Red (0%)
- Yellow (35%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1540, 27.5341, 26.6008 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 17.1540, 27.5341, 26.6008 by changing the saturation by 10% instead.

■ 17.1540, 27.5341,
26.6008

■ 17.1540, 27.5341,
26.6008

■ 229.1973,
290.2339, 299.4178

■ 10.4403, 17.9748,
17.0439

■ 38.1319, 55.7397,
55.2385

■ 5.7564, 10.9319,
10.1035

■ 53.1268, 75.1548,
75.1564

■ 2.7368, 6.0210,
5.3611

■ 71.6128, 98.6240,
99.3650

■ 1.0161, 2.8579,
2.3982

■ 93.9553, 126.5315,
128.2829

■ 0.0000, 1.0580,
0.7855

■ 120.5197,
159.2619, 162.3286

■ 0.0000, 0.0000,
0.0000

■ 151.6712,

197.1995, 201.9206

187.7753,
240.7287, 247.4775

■ 17.1540, 27.5341,
26.6008

■ 17.1540, 27.5341,
26.6008

■ 17.1542, 27.5349,
26.6000

■ 17.5752, 27.7284,
27.6818

■ 18.1754, 28.0137,
28.7997

■ 19.0295, 28.4292,
29.9588

■ 20.1693, 28.9914,
31.1609

■ 21.6222, 29.7143,
32.4074

■ 23.4121, 30.6103,
33.6996

■ 25.5605, 31.6904,
35.0389

■ 28.0873, 32.9650,
36.4263

■ 31.0108, 34.4433,
37.8629

Harmonies

Analogous

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



18.7039, 27.5341, 15.4644



17.1540, 27.5341, 26.6008



17.7399, 27.5341, 43.2955

Triad

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



17.1540, 27.5341, 26.6008



30.4802, 27.5341, 66.4589



32.8943, 27.5341, 11.9132

Complementary

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



17.1540, 27.5341, 26.6008



15.1231, 7.7709, 1.8668

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.



36.9209, 27.5341, 19.7197



17.1540, 27.5341, 26.6008



35.3985, 27.5341, 51.5484

Square

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



17.1540, 27.5341, 26.6008



24.9622, 27.5341, 70.2680



37.8952, 27.5341, 33.6338



27.4169, 27.5341, 9.0841

Rectangle

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



17.1540, 27.5341, 26.6008



19.3083, 27.5341, 55.3007



37.8952, 27.5341, 33.6338



34.4914, 27.5341, 13.8795

Sweetspot

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



17.1548, 27.5352, 26.6015



46.1552, 57.4058, 63.4642



13.4481, 26.1134, 4.3322



9.9999, 12.7088, 14.0326



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.



17.1548, 27.5352, 26.6015



31.0723, 49.9586, 47.9251



12.1748, 13.9143, 36.2276



7.2214, 7.9894, 8.7779



13.5284, 21.6977, 21.0308



0.2977, 0.4613, 0.5125

Inverse Universe

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



15.1231, 7.7709, 1.8668



27.3987, 14.0843, 3.0992



16.0986, 10.0770, 1.0972



7.1232, 7.1057, 7.6350



11.9255, 6.1263, 1.5326



0.2642, 0.1342, 0.1037

Previews

White Background



This preview shows how the XYZ color 17.1540, 27.5341, 26.6008 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 17.1540, 27.5341, 26.6008 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

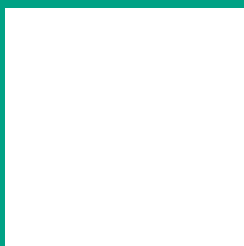
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1540, 27.5341, 26.6008

Background



This preview shows how black text looks on a background with the XYZ color 17.1540, 27.5341, 26.6008.

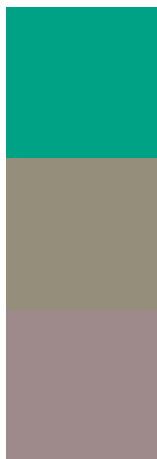


This preview shows how white text looks on a background with the XYZ color 17.1540, 27.5341,

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

17.1540, 27.5341, 26.6008

Protanopia

25.6426, 27.1656, 22.6309

Deuteranopia

27.7765, 27.2810, 27.8465



Tritanopia

20.4850, 27.6206, 42.2818

Trichromacy



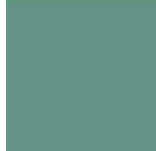
Original Color

17.1540, 27.5341, 26.6008



Protanomaly

19.2975, 25.4601, 23.9759



Deuteranomaly

20.2445, 25.4117, 27.1305



Tritanomaly

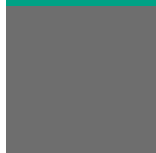
19.0194, 27.5066, 36.2052

Monochromacy



Original Color

17.1540, 27.5341, 26.6008



Achromatopsia

14.8208, 15.5926, 16.9804



Achromatomaly

13.6461, 18.3106, 19.9546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1540, 27.5341, 26.6008 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, 162, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 133)  
}
```

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, 162, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.1540, 27.5341, 26.6008 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, 162, 133) }
```


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

```
.border{ border-color:rgb(0, 162, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1540, 27.5341, 26.6008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 133) }
```

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

```
.background{ background-color: rgb(0, 162,  
133) }
```

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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