

Converting Colors

XYZ(17.3401, 26.0490, 28.5726)

Have a look what the booklet for
XYZ(17.3401, 26.0490, 28.5726)
contains.

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Color

**XYZ(17.3480, 26.0531,
28.5405)**

Conversions

Conversions Part 1

Format	Color
Hex	269C8B
RGB	38, 156, 139
RGB Percent	15%, 61%, 55%
CMY	0.8510, 0.3882, 0.4549
CMYK	0.76, 0.00, 0.11, 0.39
HSL	171°, 61%, 38%
HSV	171°, 76%, 61%
XYZ	17.3480, 26.0531, 28.5405
YIQ	118.7800, -64.8710, -30.3030

Conversions

Conversions Part 2

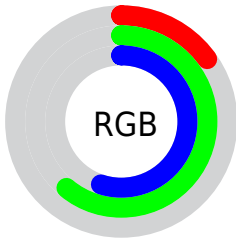
Format	Color
R_{YB}	38, 102, 156
Decimal	2530443
CIE _{Lab}	58.09, -35.72, -0.26
CIE _{LCh}	58, 35.721, 180.416
Yxy	26.0531, 0.2411, 0.3621
Android (android.graphics.Color)	4280720523 (0xFF269C8B)
YUV	118.7800, 9.9685, -70.8441
Hunter-Lab	51.0422, -28.6562, 2.5773

Details

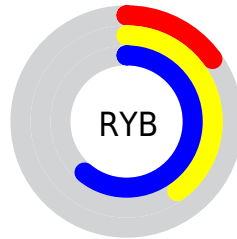
The XYZ color **17.3480, 26.0531, 28.5405** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **15.0939, 8.7307, 4.5051**, and the grayscale version is **17.4502, 18.3589, 19.9929**.

A 20% lighter version of the original color is **38.4022, 53.2779, 58.1288**, and **6.7535, 10.6219, 11.1455** is the 20% darker color. If you saturate the color by 10%, you get **16.7265, 25.7521, 27.6634**, and if you desaturate by 10%, it is **18.2155, 26.4817, 29.4480**.

Distribution



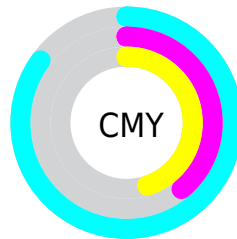
- Red (15%)
- Green (61%)
- Blue (55%)



- Red (15%)
- Yellow (40%)
- Blue (61%)



- Cyan (76%)
- Magenta (0%)
- Yellow (11%)
- Black (39%)



- Cyan (85%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3480, 26.0531, 28.5405 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 17.3480, 26.0531, 28.5405 by changing the saturation by 10% instead.

■ 17.3480, 26.0531,
28.5405

■ 17.3480, 26.0531,
28.5405

230.2872,
283.0426, 309.0335

■ 10.5798, 16.8634,
18.4909

■ 38.4620, 53.3606,
58.3797

■ 5.8502, 10.1371,
11.1299

■ 53.5385, 72.2472,
79.0063

■ 2.7940, 5.4900,
6.0390

■ 72.1151, 95.1348,
103.9958

■ 1.0458, 2.5375,
2.7997

■ 94.5571, 122.4079,
133.7665

■ 0.0000, 0.8954,
0.9933

■ 121.2300,
154.4508, 168.7371

■ 0.0000, 0.0000,
0.0000

■ 152.4991,

191.6480, 209.3261

188.7297,
234.3838, 255.9521

■ 17.3480, 26.0531,
28.5405

■ 17.3480, 26.0531,
28.5405

■ 16.7265, 25.7521,
27.6634

■ 18.2155, 26.4817,
29.4480

■ 16.3125, 25.5571,
26.8129

■ 19.3535, 27.0488,
30.3852

■ 16.1589, 25.4858,
26.4486

■ 20.7862, 27.7675,
31.3541

■ 22.5343, 28.6483,
32.3557

■ 24.6167, 29.7011,
33.3910

■ 27.0510, 30.9348,
34.4609

■ 29.8531, 32.3578,
35.5662

■ 33.0383, 33.9779,
36.7078

■ 36.6210, 35.8024,
37.8865

Harmonies

Analogous

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



18.2165, 26.0531, 18.1656



17.3480, 26.0531, 28.5405



18.2657, 26.0531, 42.2022

Triad

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



17.3480, 26.0531, 28.5405



29.2124, 26.0531, 54.2377



29.0959, 26.0531, 12.2965

Complementary

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



17.3480, 26.0531, 28.5405



15.0939, 8.7307, 4.5051

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.



32.6423, 26.0531, 17.9442



17.3480, 26.0531, 28.5405



32.7148, 26.0531, 41.8134

Square

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



17.3480, 26.0531, 28.5405



24.8231, 26.0531, 59.4402



34.0363, 26.0531, 28.1950



24.7024, 26.0531, 10.6041

Rectangle

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



17.3480, 26.0531, 28.5405



19.8361, 26.0531, 50.9454



34.0363, 26.0531, 28.1950



30.4441, 26.0531, 13.6951

Sweetspot

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



17.3487, 26.0541, 28.5411



45.6186, 54.4041, 61.0640



13.8533, 24.7501, 5.8814



9.7317, 11.8161, 13.2946



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.



17.3487, 26.0541, 28.5411



29.8101, 46.5022, 49.1316



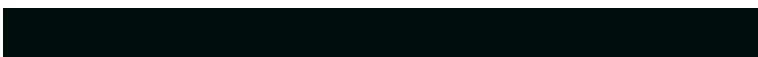
12.8976, 15.0066, 33.6704



6.7807, 7.4930, 8.2799



13.3193, 20.9956, 21.8360



0.2484, 0.3795, 0.4442

Inverse Universe

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



15.0939, 8.7307, 4.5051



25.5998, 13.4720, 3.7446



16.8788, 12.8442, 3.4238



6.6701, 6.6609, 7.1137



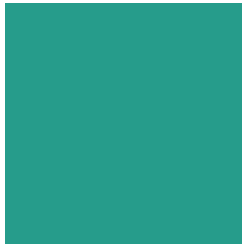
11.4245, 5.8744, 1.2207



0.2140, 0.1089, 0.0730

Previews

White Background



This preview shows how the XYZ color 17.3480, 26.0531, 28.5405 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 17.3480, 26.0531, 28.5405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

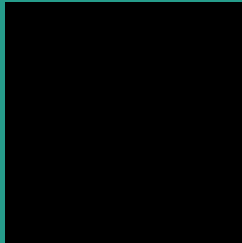
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3480, 26.0531, 28.5405

Background



This preview shows how black text looks on a background with the XYZ color 17.3480, 26.0531, 28.5405.

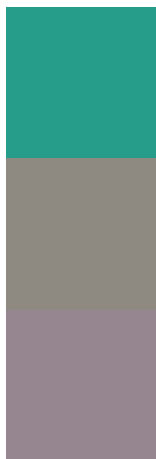


This preview shows how white text looks on a background with the XYZ color 17.3480, 26.0531,

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

17.3480, 26.0531, 28.5405

Protanopia

24.3786, 25.6016, 24.4256

Deuteranopia

26.1368, 25.5478, 29.9392



Tritanopia

19.5411, 25.9574, 39.5777

Trichromacy



Original Color

17.3480, 26.0531, 28.5405

Protanomaly

20.1847, 24.9475, 25.9418

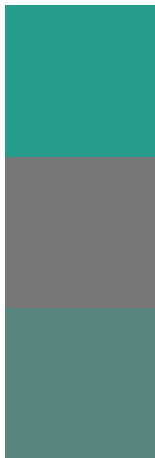
Deuteranomaly

20.8622, 24.5502, 29.2303

Tritanomaly

18.6109, 25.8111, 35.4536

Monochromacy



Original Color

17.3480, 26.0531, 28.5405

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.2336, 20.1825, 22.7787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3480, 26.0531, 28.5405 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(38, 156, 139)` looks like.

```
.text, #text, p{  
    color:rgb(38, 156, 139)  
}
```

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(38, 156, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 156, 139) }
```

Border

The CSS property to change the border of an element to XYZ 17.3480, 26.0531, 28.5405 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(38, 156, 139) }
```


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

```
.border{ border-color:rgb(38, 156, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 156, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 156, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 156, 139);  
box-shadow:4px 4px 4px 4px rgb(38, 156,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3480, 26.0531, 28.5405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 156, 139) }
```

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

```
.background{ background-color: rgb(38, 156,  
139) }
```

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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