

Converting Colors

XYZ(17.6143, 25.8835, 28.4646)

Have a look what the booklet for
XYZ(17.6143, 25.8835, 28.4646)
contains.

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Color

**XYZ(17.6482, 25.9597,
28.5067)**

Conversions

Conversions Part 1

Format	Color
Hex	319B8B
RGB	49, 155, 139
RGB Percent	19%, 61%, 55%
CMY	0.8078, 0.3921, 0.4549
CMYK	0.68, 0.00, 0.10, 0.39
HSL	171°, 52%, 40%
HSV	171°, 68%, 61%
XYZ	17.6482, 25.9597, 28.5067
YIQ	121.4820, -58.0400, -27.4480

Conversions

Conversions Part 2

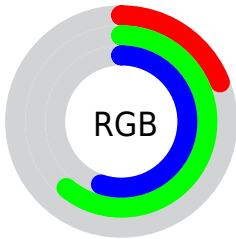
Format	Color
R_{YB}	49, 106, 155
Decimal	3251083
CIE _{Lab}	58.00, -33.71, -0.36
CIE _{LCh}	58, 33.713, 180.615
Yxy	25.9597, 0.2447, 0.3600
Android (android.graphics.Color)	4281441163 (0xFF319B8B)
YUV	121.4820, 8.6364, -63.5667
Hunter-Lab	50.9507, -27.3351, 2.4929

Details

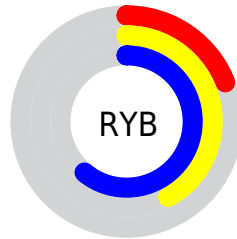
The XYZ color **17.6482, 25.9597, 28.5067** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **15.5709, 9.5477, 6.0243**, and the grayscale version is **18.3173, 19.2712, 20.9863**.

A 20% lighter version of the original color is **38.8677, 53.1502, 58.0796**, and **6.6534, 10.4218, 11.1121** is the 20% darker color. If you saturate the color by 10%, you get **16.8563, 25.5716, 27.5872**, and if you desaturate by 10%, it is **18.7023, 26.4838, 29.4588**.

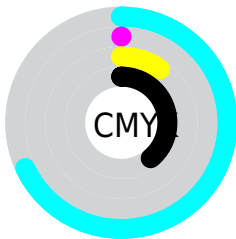
Distribution



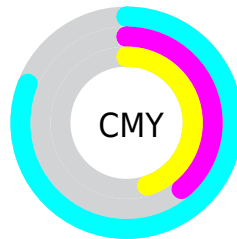
- Red (19%)
- Green (61%)
- Blue (55%)



- Red (19%)
- Yellow (42%)
- Blue (61%)



- Cyan (68%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)



- Cyan (81%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6482, 25.9597, 28.5067 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 17.6482, 25.9597, 28.5067 by changing the saturation by 10% instead.

■ 17.6482, 25.9597,
28.5067

■ 17.6482, 25.9597,
28.5067

231.9647,
282.5842, 308.8680

■ 10.7959, 16.7935,
18.4656

■ 38.9717, 53.2099,
58.3252

■ 5.9960, 10.0874,
11.1119

■ 54.1737, 72.0627,
78.9397

■ 2.8833, 5.4569,
6.0270

■ 72.8895, 94.9132,
103.9157

■ 1.0923, 2.5178,
2.7925

■ 95.4846, 122.1457,
133.6719

■ 0.0187, 0.8855,
0.9897

■ 122.3243,
154.1447, 168.6266

■ 0.0000, 0.0000,
0.0000

153.7740,

191.2945, 209.1985

190.1990,
233.9795, 255.8062

■ 17.6482, 25.9597,
28.5067

■ 17.6482, 25.9597,
28.5067

■ 16.8563, 25.5716,
27.5872

■ 18.7023, 26.4838,
29.4588

■ 16.2968, 25.3023,
26.6969

■ 20.0403, 27.1531,
30.4428

■ 15.9167, 25.1251,
25.8339

■ 21.6838, 27.9796,
31.4604

■ 15.8595, 25.0986,
25.6964

■ 23.6521, 28.9730,
32.5127

■ 25.9626, 30.1424,
33.6006

■ 28.6315, 31.4962,
34.7249

■ 31.6741, 33.0421,
35.8865

■ 35.1046, 34.7876,
37.0862

■ 38.9367, 36.7397,
38.3247

Harmonies

Analogous

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



18.4652, 25.9597, 18.6349



17.6482, 25.9597, 28.5067



18.5345, 25.9597, 41.2812

Triad

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



17.6482, 25.9597, 28.5067



28.8766, 25.9597, 52.2673



28.7155, 25.9597, 12.8919

Complementary

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



17.6482, 25.9597, 28.5067



15.5709, 9.5477, 6.0243

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.



32.0383, 25.9597, 18.3214



17.6482, 25.9597, 28.5067



32.1383, 25.9597, 40.7477

Square

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



17.6482, 25.9597, 28.5067



24.7579, 25.9597, 57.1132



33.3534, 25.9597, 28.0261



24.5901, 25.9597, 11.2587

Rectangle

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



17.6482, 25.9597, 28.5067



20.0349, 25.9597, 49.3618



33.3534, 25.9597, 28.0261



29.9789, 25.9597, 14.2436

Sweetspot

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



17.6489, 25.9607, 28.5073



45.1762, 53.3122, 59.5768



14.5686, 24.8470, 6.9345



9.9835, 11.9445, 13.3719



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.



17.6489, 25.9607, 28.5073



29.6158, 45.5181, 48.5660



13.8604, 16.3735, 33.4413



6.3445, 7.0105, 7.7375



12.7491, 20.1631, 20.6973



0.2001, 0.3053, 0.3597

Inverse Universe

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



15.5709, 9.5477, 6.0243



25.6950, 14.0966, 5.8095



17.2692, 13.5839, 4.6182



6.2449, 6.2371, 6.6699



10.9944, 5.6520, 1.2293



0.1729, 0.0879, 0.0631

Previews

White Background



This preview shows how the XYZ color 17.6482, 25.9597, 28.5067 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 17.6482, 25.9597, 28.5067 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

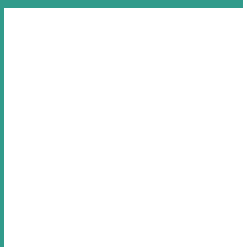
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.6482, 25.9597, 28.5067

Background



This preview shows how black text looks on a background with the XYZ color 17.6482, 25.9597, 28.5067.

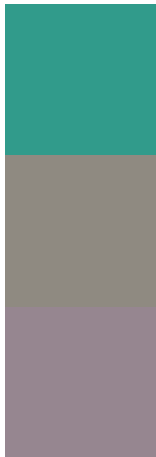


This preview shows how white text looks on a background with the XYZ color 17.6482, 25.9597,

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

17.6482, 25.9597, 28.5067

Protanopia

24.3786, 25.6016, 24.4256

Deuteranopia

26.1368, 25.5478, 29.9392



Tritanopia

19.6919, 25.8057, 39.0651

Trichromacy



Original Color

17.6482, 25.9597, 28.5067

Protanomaly

20.5136, 24.8912, 25.9136

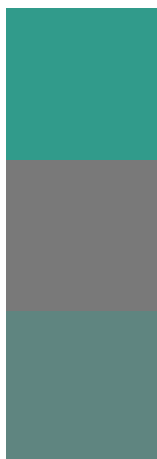
Deuteranomaly

21.3655, 24.8097, 29.2539

Tritanomaly

18.8320, 25.6929, 34.9770

Monochromacy



Original Color

17.6482, 25.9597, 28.5067

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.0031, 20.7665, 23.5342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6482, 25.9597, 28.5067 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(49, 155, 139)` looks like.

```
.text, #text, p{  
  color:rgb(49, 155, 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(49, 155, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 155, 139) }
```

Border

The CSS property to change the border of an element to XYZ 17.6482, 25.9597, 28.5067 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(49, 155, 139) }
```


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

```
.border{ border-color:rgb(49, 155, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 155, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 155, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 155, 139);  
box-shadow:4px 4px 4px 4px rgb(49, 155,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6482, 25.9597, 28.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 155, 139) }
```

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

```
.background{ background-color: rgb(49, 155,  
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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