

Converting Colors

XYZ(17.7419, 28.3472, 26.5244)

Have a look what the booklet for
XYZ(17.7419, 28.3472, 26.5244)
contains.

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Color

**XYZ(17.7288, 28.3656,
26.3705)**

Conversions

Conversions Part 1

Format	Color
Hex	14A484
RGB	20, 164, 132
RGB Percent	8%, 64%, 52%
CMY	0.9215, 0.3569, 0.4823
CMYK	0.88, 0.00, 0.20, 0.36
HSL	167°, 78%, 36%
HSV	167°, 88%, 64%
XYZ	17.7288, 28.3656, 26.3705
YIQ	117.2960, -75.5520, -40.4800

Conversions

Conversions Part 2

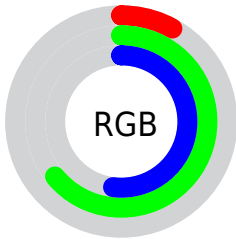
Format	Color
R_{YB}	20, 101, 164
Decimal	1352836
CIE _{Lab}	60.22, -42.84, 6.74
CIE _{LCh}	60, 43.369, 171.055
Y _{xy}	28.3656, 0.2447, 0.3914
Android (android.graphics.Color)	4279542916 (0xFF14A484)
YUV	117.2960, 7.2491, -85.3286
Hunter-Lab	53.2594, -33.7854, 7.9251

Details

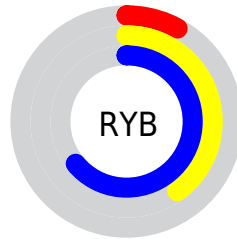
The XYZ color **17.7288, 28.3656, 26.3705** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **16.1808, 8.6415, 4.0653**, and the grayscale version is **16.9966, 17.8817, 19.4732**.

A 20% lighter version of the original color is **39.1740, 57.1760, 54.8703**, and **7.2458, 11.9934, 10.1167** is the 20% darker color. If you saturate the color by 10%, you get **17.2409, 28.1431, 25.0688**, and if you desaturate by 10%, it is **18.4367, 28.7019, 27.7293**.

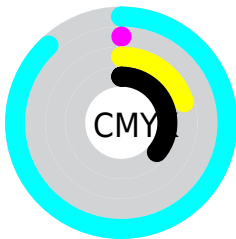
Distribution



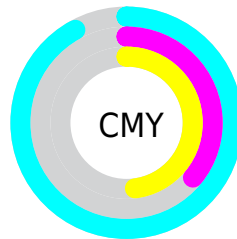
- Red (8%)
- Green (64%)
- Blue (52%)



- Red (8%)
- Yellow (40%)
- Blue (64%)



- Cyan (88%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)



- Cyan (92%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7288, 28.3656, 26.3705 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 17.7288, 28.3656, 26.3705 by changing the saturation by 10% instead.

■ 17.7288, 28.3656,
26.3705

■ 17.7288, 28.3656,
26.3705

■ 232.4132,
294.2098, 298.2593

■ 10.8540, 18.6014,
16.8728

■ 39.1084, 57.0676,
54.8635

■ 6.0353, 11.3826,
9.9828

■ 54.3438, 76.7742,
74.6958

■ 2.9074, 6.3248,
5.2821

■ 73.0969, 100.5638,
98.8100

■ 1.1050, 3.0436,
2.3521

■ 95.7328, 128.8208,
127.6247

■ 0.0293, 1.1545,
0.7602

■ 122.6171,
161.9294, 161.5585

■ 0.0000, 0.0241,
0.0000

■ 154.1150,

■ 0.0000, 0.0000,

200.2742, 201.0298

0.0000

190.5919,
244.2395, 246.4572

■ 17.7288, 28.3656,
26.3705

■ 17.7288, 28.3656,
26.3705

■ 17.2409, 28.1431,
25.0688

■ 18.4367, 28.7019,
27.7293

■ 17.1430, 28.0987,
24.7887

■ 19.4157, 29.1762,
29.1460

■ 20.6982, 29.8060,
30.6234

■ 22.3116, 30.6053,
32.1631

■ 24.2799, 31.5866,
33.7666

■ 26.6251, 32.7611,
35.4355

■ 29.3672, 34.1391,
37.1711

■ 32.5250, 35.7304,
38.9747

■ 36.1157, 37.5437,
40.8474

Harmonies

Analogous

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



19.4798, 28.3656, 15.3757



17.7288, 28.3656, 26.3705



18.1733, 28.3656, 43.2254

Triad

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



17.7288, 28.3656, 26.3705



30.9815, 28.3656, 69.1148



34.2445, 28.3656, 12.6846

Complementary

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



17.7288, 28.3656, 26.3705



16.1808, 8.6415, 4.0653

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.



38.2032, 28.3656, 21.1504



17.7288, 28.3656, 26.3705



36.1468, 28.3656, 54.3698

Square

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



17.7288, 28.3656, 26.3705



25.3343, 28.3656, 72.0109



38.9434, 28.3656, 35.8881



28.6551, 28.3656, 9.4559

Rectangle

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



17.7288, 28.3656, 26.3705



19.6840, 28.3656, 55.6372



38.9434, 28.3656, 35.8881



35.8404, 28.3656, 14.8402

Sweetspot

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



17.7296, 28.3667, 26.3712



48.9376, 59.7710, 64.7249



14.9027, 27.3759, 5.1609



10.3712, 12.9028, 13.9299



78.6606, 82.7571, 90.1225



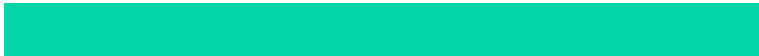
14.0027, 14.7319, 16.0430

Same Dimension

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



17.7296, 28.3667, 26.3712



31.0349, 50.9695, 44.5660



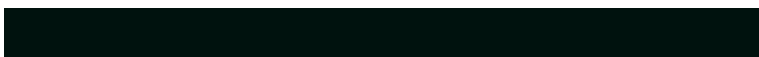
14.4002, 17.6500, 37.7711



7.2084, 7.9842, 8.7093



13.1623, 21.5512, 19.1028



0.2924, 0.4592, 0.4845

Inverse Universe

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



16.1808, 8.6415, 4.0653



28.3153, 14.5364, 4.0671



16.9705, 11.0107, 1.8931



7.1352, 7.1105, 7.6986



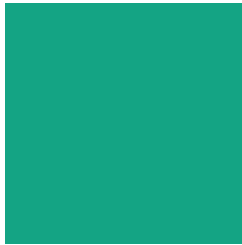
12.0037, 6.1575, 1.9440



0.2684, 0.1359, 0.1260

Previews

White Background



This preview shows how the XYZ color 17.7288, 28.3656, 26.3705 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 17.7288, 28.3656, 26.3705 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 17.7288, 28.3656, 26.3705

Background



This preview shows how black text looks on a background with the XYZ color 17.7288, 28.3656, 26.3705.

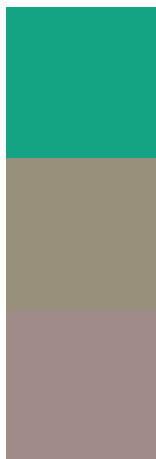


This preview shows how white text looks on a background with the XYZ color 17.7288, 28.3656,

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

17.7288, 28.3656, 26.3705

Protanopia

26.4350, 28.0271, 22.4288

Deuteranopia

28.4459, 27.8484, 27.5429



Tritanopia

21.1650, 28.4666, 42.9072

Trichromacy



Original Color

17.7288, 28.3656, 26.3705



Protanomaly

20.5414, 26.5826, 23.7870



Deuteranomaly

21.3935, 26.2441, 26.8597



Tritanomaly

19.7057, 28.3752, 36.3366

Monochromacy



Original Color

17.7288, 28.3656, 26.3705



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

15.5176, 20.2492, 21.5030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7288, 28.3656, 26.3705 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(20, 164, 132)` looks like.

```
.text, #text, p{  
    color:rgb(20, 164, 132)  
}
```

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(20, 164, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 164, 132) }
```

Border

The CSS property to change the border of an element to XYZ 17.7288, 28.3656, 26.3705 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(20, 164, 132) }
```


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

```
.border{ border-color:rgb(20, 164, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 164, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 164, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 164, 132);  
box-shadow:4px 4px 4px 4px rgb(20, 164,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7288, 28.3656, 26.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 164, 132) }
```

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

```
.background{ background-color: rgb(20, 164,  
132) }
```

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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