

Converting Colors

XYZ(17.7885, 26.4544, 20.6916)

Have a look what the booklet for
XYZ(17.7885, 26.4544, 20.6916)
contains.

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Color

**XYZ(17.7885, 26.4544,
20.6916)**

Conversions

Conversions Part 1

Format	Color
Hex	499C74
RGB	73, 156, 116
RGB Percent	29%, 61%, 45%
CMY	0.7137, 0.3882, 0.5451
CMYK	0.53, 0.00, 0.26, 0.39
HSL	151°, 36%, 45%
HSV	151°, 53%, 61%
XYZ	17.7885, 26.4544, 20.6916
YIQ	126.6230, -36.6280, -30.0360

Conversions

Conversions Part 2

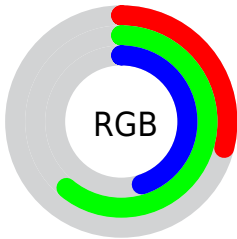
Format	Color
R_{YB}	73, 128, 156
Decimal	4824180
CIE _{Lab}	58.47, -34.97, 13.40
CIE _{LCh}	58, 37.452, 159.028
Yxy	26.4544, 0.2739, 0.4074
Android (android.graphics.Color)	4283014260 (0xFF499C74)
YUV	126.6230, -5.2371, -47.0274
Hunter-Lab	51.4338, -28.2746, 12.1516

Details

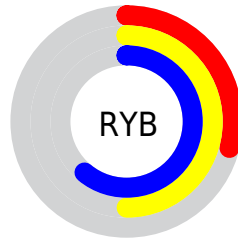
The XYZ color **17.7885, 26.4544, 20.6916** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **19.0744, 13.0258, 17.1327**, and the grayscale version is **20.0705, 21.1157, 22.9951**.

A 20% lighter version of the original color is **39.1145, 53.9277, 45.3933**, and **6.0813, 10.3632, 7.1486** is the 20% darker color. If you saturate the color by 10%, you get **16.3318, 25.7527, 18.4324**, and if you desaturate by 10%, it is **19.5785, 27.3253, 23.1523**.

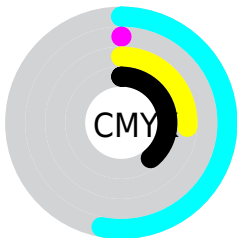
Distribution



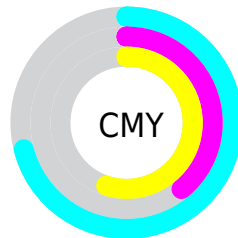
- Red (29%)
- Green (61%)
- Blue (45%)



- Red (29%)
- Yellow (50%)
- Blue (61%)



- Cyan (53%)
- Magenta (0%)
- Yellow (26%)
- Black (39%)



- Cyan (71%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7885, 26.4544, 20.6916 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 17.7885, 26.4544, 20.6916 by changing the saturation by 10% instead.

■ 17.7885, 26.4544,
20.6916

■ 17.7885, 26.4544,
20.6916

232.7449,
285.0056, 268.3619

■ 10.8970, 17.1639,
12.7097

■ 39.2095, 54.0071,
45.4478

■ 6.0644, 10.3514,
7.1006

■ 54.4698, 73.0381,
63.0592

■ 2.9253, 5.6326,
3.4457

■ 73.2503, 96.0847,
84.7176

■ 1.1144, 2.6230,
1.3265

■ 95.9165, 123.5313,
110.8413

■ 0.0371, 0.9382,
0.0833

■ 122.8337,
155.7623, 141.8491

■ 0.0000, 0.0000,
0.0000

154.3673,

193.1621, 178.1595

190.8826,
236.1151, 220.1909

■ 17.7885, 26.4544,
20.6916

■ 17.7885, 26.4544,
20.6916

■ 16.3318, 25.7527,
18.4324

■ 19.5785, 27.3253,
23.1523

■ 15.1829, 25.2049,
16.3676

■ 21.7207, 28.3729,
25.8180

■ 14.3157, 24.7985,
14.4919

■ 24.2352, 29.6081,
28.6941

■ 13.6986, 24.5171,
12.7991

■ 27.1397, 31.0400,
31.7856

■ 13.3674, 24.3693,
11.7482

■ 30.4510, 32.6771,
35.0970

■ 34.1845, 34.5275,
38.6327

■ 38.3553, 36.5986,
42.3970

■ 42.9772, 38.8976,
46.3943

■ 48.0638, 41.4314,
50.6284

Harmonies

Analogous

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



19.9990, 26.4544, 13.3247



17.7885, 26.4544, 20.6916



17.4148, 26.4544, 32.9436

Triad

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



17.7885, 26.4544, 20.6916



26.5507, 26.4544, 61.5598



32.6200, 26.4544, 15.6686

Complementary

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



17.7885, 26.4544, 20.6916



19.0744, 13.0258, 17.1327

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.



34.8768, 26.4544, 25.0272



17.7885, 26.4544, 20.6916



31.1037, 26.4544, 53.1587

Square

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



17.7885, 26.4544, 20.6916



22.1237, 26.4544, 59.3347



34.2906, 26.4544, 38.8009



28.4277, 26.4544, 11.0961

Rectangle

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



17.7885, 26.4544, 20.6916



18.2066, 26.4544, 42.8487



34.2906, 26.4544, 38.8009



33.6519, 26.4544, 18.2226

Sweetspot

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



17.7892, 26.4555, 20.6922



47.5722, 55.5266, 55.9398



19.9170, 27.7776, 10.6155



10.2460, 12.1088, 12.0744



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.



17.7892, 26.4555, 20.6922



29.1875, 46.5449, 32.6754



20.4069, 27.1332, 35.6155



6.6870, 7.4556, 7.7864



11.0278, 20.0791, 9.7693



0.2185, 0.3676, 0.2870

Inverse Universe

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



19.0744, 13.0258, 17.1327



31.7831, 19.4484, 25.5065



17.3881, 12.4984, 7.7996



6.7595, 6.6967, 7.5848



12.3617, 6.2493, 6.1558



0.2423, 0.1203, 0.2222

Previews

White Background



This preview shows how the XYZ color 17.7885, 26.4544, 20.6916 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 17.7885, 26.4544, 20.6916 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 17.7885, 26.4544, 20.6916

Background



This preview shows how black text looks on a background with the XYZ color 17.7885, 26.4544, 20.6916.



This preview shows how white text looks on a background with the XYZ color 17.7885, 26.4544,

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

17.7885, 26.4544, 20.6916

Protanopia

24.4793, 26.2284, 17.9598

Deuteranopia

26.6124, 26.1820, 21.7402



Tritanopia

21.2657, 26.3998, 38.1573

Trichromacy



Original Color

17.7885, 26.4544, 20.6916

Protanomaly

21.0333, 25.7704, 18.9045

Deuteranomaly

22.0543, 25.5660, 21.2251

Tritanomaly

19.7324, 26.2501, 30.8148

Monochromacy



Original Color

17.7885, 26.4544, 20.6916

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.7270, 22.7328, 22.1397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7885, 26.4544, 20.6916 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(73, 156, 116)` looks like.

```
.text, #text, p{  
    color:rgb(73, 156, 116)  
}
```

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(73, 156, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 156, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.7885, 26.4544, 20.6916 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(73, 156, 116) }
```


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

```
.border{ border-color:rgb(73, 156, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 156, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 156, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 156, 116);  
box-shadow:4px 4px 4px 4px rgb(73, 156,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7885, 26.4544, 20.6916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 156, 116) }
```

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

```
.background{ background-color: rgb(73, 156,  
116) }
```

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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