

Converting Colors

XYZ(17.4478, 26.3514, 17.4292)

Have a look what the booklet for
XYZ(17.4478, 26.3514, 17.4292)
contains.

XYZ(17.4988, 26.3746, 17.5331)	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(17.4988, 26.3746,
17.5331)**

Conversions

Conversions Part 1

Format	Color
Hex	4D9C69
RGB	77, 156, 105
RGB Percent	30%, 61%, 41%
CMY	0.6980, 0.3882, 0.5882
CMYK	0.51, 0.00, 0.33, 0.39
HSL	141°, 34%, 46%
HSV	141°, 51%, 61%
XYZ	17.4988, 26.3746, 17.5331
YIQ	126.5650, -30.7130, -32.6090

Conversions

Conversions Part 2

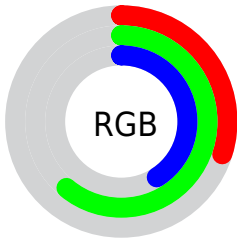
Format	Color
RYB	77, 135, 156
Decimal	5086313
CIELab	58.39, -36.21, 19.45
CIELCh	58, 41.103, 151.755
Yxy	26.3746, 0.2850, 0.4295
Android (android.graphics.Color)	4283276393 (0xFF4D9C69)
YUV	126.5650, -10.6315, -43.4685
Hunter-Lab	51.3562, -29.0524, 15.7076

Details

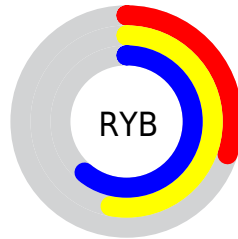
The XYZ color **17.4988, 26.3746, 17.5331** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **20.2613, 13.9347, 22.0447**, and the grayscale version is **20.0670, 21.1121, 22.9910**.

A 20% lighter version of the original color is **38.7401, 53.8481, 40.2502**, and **5.9200, 10.3152, 5.5499** is the 20% darker color. If you saturate the color by 10%, you get **15.9006, 25.6077, 14.9146**, and if you desaturate by 10%, it is **19.4616, 27.3238, 20.4899**.

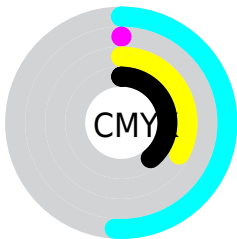
Distribution



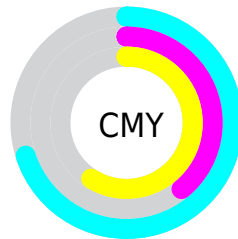
- Red (30%)
- Green (61%)
- Blue (41%)



- Red (30%)
- Yellow (53%)
- Blue (61%)



- Cyan (51%)
- Magenta (0%)
- Yellow (33%)
- Black (39%)



- Cyan (70%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4988, 26.3746, 17.5331 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 17.4988, 26.3746, 17.5331 by changing the saturation by 10% instead.

■ 17.4988, 26.3746,
17.5331

■ 17.4988, 26.3746,
17.5331

231.1313,
284.6161, 250.3731

■ 10.6883, 17.1041,
10.4493

■ 38.7182, 53.8787,
40.0432

■ 5.9234, 10.3087,
5.5884

■ 53.8578, 72.8810,
56.3067

■ 2.8388, 5.6041,
2.5318

■ 72.5045, 95.8961,
76.4672

■ 1.0691, 2.6059,
0.8569

■ 95.0236, 123.3082,
100.9432

■ 0.0000, 0.9296,
0.0000

■ 121.7805,
155.5020, 130.1532

■ 0.0000, 0.0000,
0.0000

153.1405,

192.8616, 164.5159

189.4689,
235.7715, 204.4497

■ 17.4988, 26.3746,
17.5331

■ 17.4988, 26.3746,
17.5331

■ 15.9006, 25.6077,
14.9146

■ 19.4616, 27.3238,
20.4899

■ 14.6408, 25.0078,
12.6204

■ 21.8087, 28.4631,
23.7947

■ 13.6930, 24.5620,
10.6379

■ 24.5609, 29.8036,
27.4592

■ 13.0255, 24.2545,
8.9532

■ 27.7366, 31.3547,
31.4940

■ 12.5856, 24.0565,
7.6312

■ 31.3534, 33.1253,
35.9091

■ 35.4277, 35.1235,
40.7143

■ 39.9751, 37.3573,
45.9188

■ 45.0102, 39.8340,
51.5317

■ 50.5474, 42.5608,
57.5618

Harmonies

Analogous

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



20.3293, 26.3746, 11.0575



17.4988, 26.3746, 17.5331



16.6144, 26.3746, 29.5713

Triad

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



17.4988, 26.3746, 17.5331



25.3646, 26.3746, 66.0964



34.1913, 26.3746, 16.5001

Complementary

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



17.4988, 26.3746, 17.5331



20.2613, 13.9347, 22.0447

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.



35.9912, 26.3746, 27.8802



17.4988, 26.3746, 17.5331



30.4917, 26.3746, 59.1715

Square

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



17.4988, 26.3746, 17.5331



20.7773, 26.3746, 60.5512



34.5557, 26.3746, 43.8649



29.9128, 26.3746, 10.6160

Rectangle

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



17.4988, 26.3746, 17.5331



17.1383, 26.3746, 40.2138



34.5557, 26.3746, 43.8649



35.1302, 26.3746, 19.6519

Sweetspot

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



17.4995, 26.3757, 17.5337



47.5925, 55.5866, 53.7033



22.1837, 28.9303, 11.4363



10.2271, 12.1117, 11.5045



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.



17.4995, 26.3757, 17.5337



28.4810, 46.3189, 26.3972



19.9953, 27.3740, 30.6766



6.6430, 7.4380, 7.5547



10.3815, 19.8205, 6.3659



0.2048, 0.3621, 0.2148

Inverse Universe

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



20.2613, 13.9347, 22.0447



34.0744, 21.0449, 35.4758



18.1618, 13.0949, 10.9888



6.8042, 6.7146, 7.8202



13.2331, 6.5978, 10.7444



0.2560, 0.1257, 0.2944

Previews

White Background



This preview shows how the XYZ color 17.4988, 26.3746, 17.5331 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 17.4988, 26.3746, 17.5331 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 17.4988, 26.3746, 17.5331

Background



This preview shows how black text looks on a background with the XYZ color 17.4988, 26.3746, 17.5331.



This preview shows how white text looks on a background with the XYZ color 17.4988, 26.3746,

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

17.4988, 26.3746, 17.5331

Protanopia

24.1997, 25.9264, 15.2841

Deuteranopia

26.4438, 25.9625, 18.3694



Tritanopia

21.4949, 26.2922, 37.6602

Trichromacy



Original Color

17.4988, 26.3746, 17.5331

Protanomaly

20.7865, 25.4755, 16.1336

Deuteranomaly

21.8955, 25.3342, 17.9233

Tritanomaly

19.8737, 26.3580, 29.2394

Monochromacy



Original Color

17.4988, 26.3746, 17.5331

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.7249, 22.7601, 20.8590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4988, 26.3746, 17.5331 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(77, 156, 105)` looks like.

```
.text, #text, p{  
    color:rgb(77, 156, 105)  
}
```

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(77, 156, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 156, 105) }
```

Border

The CSS property to change the border of an element to XYZ 17.4988, 26.3746, 17.5331 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(77, 156, 105) }
```


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

```
.border{ border-color:rgb(77, 156, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 156, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 156, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 156, 105); box-shadow:4px 4px 4px 4px rgb(77, 156, 105) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4988, 26.3746, 17.5331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 156, 105) }
```

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

```
.background{ background-color: rgb(77, 156,  
105) }
```

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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