

Converting Colors

XYZ(17.0855, 26.5075, 13.2328)

Have a look what the booklet for
XYZ(17.0855, 26.5075, 13.2328)
contains.

XYZ(17.0855, 26.5075, 13.2328)	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(17.0855, 26.5075,
13.2328)**

Conversions

Conversions Part 1

Format	Color
Hex	509D57
RGB	80, 157, 87
RGB Percent	31%, 62%, 34%
CMY	0.6863, 0.3843, 0.6588
CMYK	0.49, 0.00, 0.45, 0.38
HSL	125°, 32%, 46%
HSV	125°, 49%, 62%
XYZ	17.0855, 26.5075, 13.2328
YIQ	125.9970, -23.4220, -38.0940

Conversions

Conversions Part 2

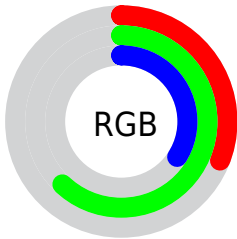
Format	Color
R_{YB}	80, 151, 157
Decimal	5283159
CIE _{Lab}	58.52, -39.00, 29.41
CIE _{LCh}	59, 48.848, 142.984
Yxy	26.5075, 0.3007, 0.4665
Android (android.graphics.Color)	4283473239 (0xFF509D57)
YUV	125.9970, -19.2255, -40.3394
Hunter-Lab	51.4854, -30.8641, 20.8011

Details

The XYZ color **17.0855, 26.5075, 13.2328** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **22.2790, 15.1078, 30.5966**, and the grayscale version is **19.8997, 20.9360, 22.7993**.

A 20% lighter version of the original color is **37.9624, 53.9903, 32.4651**, and **5.7438, 10.4158, 3.7152** is the 20% darker color. If you saturate the color by 10%, you get **15.3850, 25.6925, 10.4046**, and if you desaturate by 10%, it is **19.2124, 27.5305, 16.6839**.

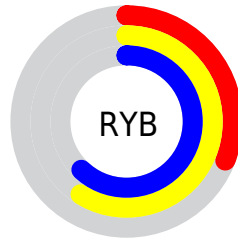
Distribution



Red (31%)

Green (62%)

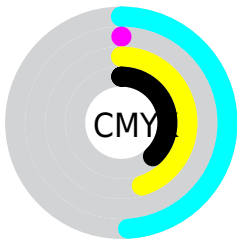
Blue (34%)



Red (31%)

Yellow (59%)

Blue (62%)

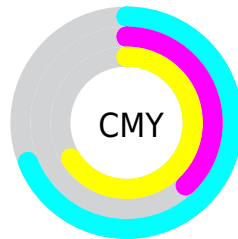


Cyan (49%)

Magenta (0%)

Yellow (45%)

Black (38%)



Cyan (69%)

Magenta (38%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0855, 26.5075, 13.2328 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 17.0855, 26.5075, 13.2328 by changing the saturation by 10% instead.

■ 17.0855, 26.5075,
13.2328

■ 17.0855, 26.5075,
13.2328

228.8113,
285.2645, 223.6643

■ 10.3912, 17.2037,
7.4564

■ 38.0151, 54.0925,
32.4187

■ 5.7233, 10.3798,
3.6664

■ 52.9812, 73.1426,
46.6653

■ 2.7166, 5.6515,
1.4442

■ 71.4351, 96.2101,
64.5724

■ 1.0057, 2.6344,
0.1758

■ 93.7423, 123.6796,
86.5585

■ 0.0000, 0.9440,
0.0000

■ 120.2682,
155.9354, 113.0423

■ 0.0000, 0.0000,
0.0000

151.3781,

193.3619, 144.4421

187.4373,
236.3435, 181.1766

■ 17.0855, 26.5075,
13.2328

■ 17.0855, 26.5075,
13.2328

■ 15.3850, 25.6925,
10.4046

■ 19.2124, 27.5305,
16.6839

■ 14.0803, 25.0682,
8.1607

■ 21.7897, 28.7710,
20.7902

■ 13.1396, 24.6199,
6.4606


■ 24.8422, 30.2417,
25.5838


■ 12.5254, 24.3293,
5.2582


■ 28.3920, 31.9534,
31.0940


■ 12.1671, 24.1610,
4.4984


■ 32.4601, 33.9163,
37.3487

 12.1386, 24.1474,
4.4465

 37.0660, 36.1400,
44.3741

 42.2285, 38.6336,
52.1952

 47.9652, 41.4057,
60.8358

 54.2932, 44.4645,
70.3189

Harmonies

Analogous

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



20.9673, 26.5075, 7.9251



17.0855, 26.5075, 13.2328



15.4209, 26.5075, 25.0247

Triad

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



17.0855, 26.5075, 13.2328



23.8164, 26.5075, 75.4188



37.3282, 26.5075, 17.8213

Complementary

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



17.0855, 26.5075, 13.2328



22.2790, 15.1078, 30.5966

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.



38.4126, 26.5075, 33.0732



17.0855, 26.5075, 13.2328



29.9550, 26.5075, 71.0169

Square

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



17.0855, 26.5075, 13.2328



18.8883, 26.5075, 63.9369



35.5329, 26.5075, 53.5654



32.7682, 26.5075, 9.7482

Rectangle

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



17.0855, 26.5075, 13.2328



15.5712, 26.5075, 36.9087



35.5329, 26.5075, 53.5654



38.1380, 26.5075, 22.0793

Sweetspot

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



17.0862, 26.5086, 13.2334



46.7696, 55.2575, 49.3697



26.1913, 31.2339, 12.2378



10.0274, 12.0318, 10.4528



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.



17.0862, 26.5086, 13.2334



27.2636, 45.8727, 18.1449



19.0623, 27.2990, 23.6393



6.5740, 7.4104, 7.1915



9.8650, 19.6139, 3.6462



0.1827, 0.3532, 0.0985

Inverse Universe

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



22.2790, 15.1078, 30.5966



37.6762, 22.9750, 52.9337



19.7033, 14.0775, 17.0328



6.8781, 6.7442, 8.2094



15.3100, 7.4286, 21.6812



0.2806, 0.1356, 0.4236

Previews

White Background



This preview shows how the XYZ color 17.0855, 26.5075, 13.2328 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 17.0855, 26.5075, 13.2328 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 17.0855, 26.5075, 13.2328

Background



This preview shows how black text looks on a background with the XYZ color 17.0855, 26.5075, 13.2328.



This preview shows how white text looks on a background with the XYZ color 17.0855, 26.5075,

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

17.0855, 26.5075, 13.2328

Protanopia

24.0002, 26.1226, 11.5618

Deuteranopia

26.6493, 26.1653, 14.0018



Tritanopia

22.0043, 26.5549, 37.6841

Trichromacy



Original Color

17.0855, 26.5075, 13.2328

Protanomaly

20.4444, 25.6179, 12.0508

Deuteranomaly

21.7147, 25.3356, 13.6433

Tritanomaly

19.7478, 26.3514, 26.5998

Monochromacy



Original Color

17.0855, 26.5075, 13.2328

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.1770, 22.3124, 18.6779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0855, 26.5075, 13.2328 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(80, 157, 87)` looks like.

```
.text, #text, p{  
    color:rgb(80, 157, 87)  
}
```

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(80, 157, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 157, 87) }
```

Border

The CSS property to change the border of an element to XYZ 17.0855, 26.5075, 13.2328 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(80, 157, 87) }
```


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

```
.border{ border-color:rgb(80, 157, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 157, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 157, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 157, 87);  
box-shadow:4px 4px 4px 4px rgb(80, 157,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0855, 26.5075, 13.2328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 157, 87) }
```

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

```
.background{ background-color: rgb(80, 157,  
87) }
```

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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