

Converting Colors

XYZ(17.5108, 26.4799, 13.1572)

Have a look what the booklet for
XYZ(17.5108, 26.4799, 13.1572)
contains.

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Color

**XYZ(17.5392, 26.4913,
13.2057)**

Conversions

Conversions Part 1

Format	Color
Hex	579C57
RGB	87, 156, 87
RGB Percent	34%, 61%, 34%
CMY	0.6588, 0.3882, 0.6588
CMYK	0.44, 0.00, 0.44, 0.39
HSL	120°, 28%, 48%
HSV	120°, 44%, 61%
XYZ	17.5392, 26.4913, 13.2057
YIQ	127.5030, -18.9750, -36.0870

Conversions

Conversions Part 2

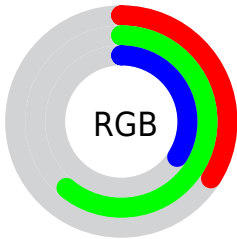
Format	Color
RYB	87, 156, 156
Decimal	5741655
CIELab	58.50, -36.46, 29.45
CIELCh	59, 46.870, 141.073
Yxy	26.4913, 0.3064, 0.4628
Android (android.graphics.Color)	4283931735 (0xFF579C57)
YUV	127.5030, -19.9680, -35.5211
Hunter-Lab	51.4697, -29.2450, 20.8166

Details

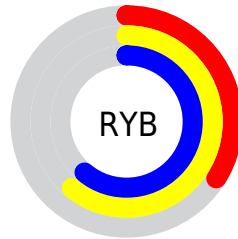
The XYZ color **17.5392, 26.4913, 13.2057** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.1200, 16.2850, 33.3779**, and the grayscale version is **20.4179, 21.4812, 23.3930**.

A 20% lighter version of the original color is **38.8662, 54.0862, 32.4360**, and **5.9605, 10.3772, 3.6963** is the 20% darker color. If you saturate the color by 10%, you get **15.6672, 25.5929, 10.1432**, and if you desaturate by 10%, it is **19.8650, 27.6093, 17.0095**.

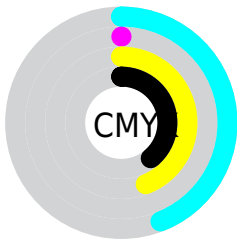
Distribution



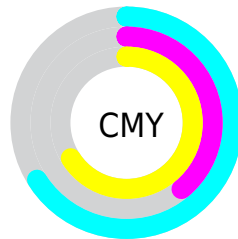
- Red (34%)
- Green (61%)
- Blue (34%)



- Red (34%)
- Yellow (61%)
- Blue (61%)



- Cyan (44%)
- Magenta (0%)
- Yellow (44%)
- Black (39%)



- Cyan (66%)
- Magenta (39%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5392, 26.4913, 13.2057 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 17.5392, 26.4913, 13.2057 by changing the saturation by 10% instead.

■ 17.5392, 26.4913,
13.2057

■ 17.5392, 26.4913,
13.2057

231.3569,
285.1856, 223.4857

■ 10.7173, 17.1915,
7.4380

■ 38.7868, 54.0665,
32.3694

■ 5.9430, 10.3712,
3.6549

■ 53.9433, 73.1107,
46.6025

■ 2.8508, 5.6457,
1.4380

■ 72.6087, 96.1719,
64.4944

■ 1.0753, 2.6309,
0.1711

■ 95.1484, 123.6343,
86.4637

■ 0.0043, 0.9422,
0.0000

■ 121.9277,
155.8826, 112.9290

■ 0.0000, 0.0000,
0.0000

153.3120,

193.3009, 144.3087

189.6666,
236.2738, 181.0214

■ 17.5392, 26.4913,
13.2057

■ 17.5392, 26.4913,
13.2057

■ 15.6672, 25.5929,
10.1432

■ 19.8650, 27.6093,
17.0095

■ 14.2177, 24.8966,
7.7722

■ 22.6695, 28.9564,
21.5968

■ 13.1583, 24.3877,
6.0393


■ 25.9781, 30.5457,
27.0085


■ 12.4513, 24.0481,
4.8829


■ 29.8137, 32.3882,
33.2823


■ 12.0510, 23.8558,
4.2280


■ 34.1981, 34.4942,
40.4536

 11.8890, 23.7780,
3.9631

 39.1515, 36.8736,
48.5557

 44.6934, 39.5356,
57.6203

 50.8421, 42.4892,
67.6775

 57.6154, 45.7428,
78.7562

Harmonies

Analogous

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



21.4194, 26.4913, 8.2742



17.5392, 26.4913, 13.2057



15.7825, 26.4913, 24.2168

Triad

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



17.5392, 26.4913, 13.2057



23.5067, 26.4913, 72.6328



36.9319, 26.4913, 18.9159

Complementary

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



17.5392, 26.4913, 13.2057



23.1200, 16.2850, 33.3779

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.



37.7168, 26.4913, 34.0272



17.5392, 26.4913, 13.2057



29.3550, 26.4913, 69.4792

Square

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



17.5392, 26.4913, 13.2057



18.8675, 26.4913, 61.0411



34.7669, 26.4913, 53.5810



32.7615, 26.4913, 10.5937

Rectangle

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



17.5392, 26.4913, 13.2057



15.8350, 26.4913, 35.3436



34.7669, 26.4913, 53.5810



37.6231, 26.4913, 23.1954

Sweetspot

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



17.5399, 26.4924, 13.2063



47.8177, 55.7828, 50.0935



27.3202, 31.5344, 13.6636



10.2266, 12.1328, 10.5396



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.



17.5399, 26.4924, 13.2063



28.5100, 46.5084, 18.5124



19.3015, 27.1971, 22.4831



6.5508, 7.4011, 7.0690



9.7925, 19.5849, 3.2643



0.1751, 0.3502, 0.0584

Inverse Universe

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



23.1200, 16.2850, 33.3779



39.9725, 25.5407, 59.9481



20.6012, 15.2774, 20.1139



6.9042, 6.7546, 8.3465



16.2356, 7.7988, 26.5554



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 17.5392, 26.4913, 13.2057 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 17.5392, 26.4913, 13.2057 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 17.5392, 26.4913, 13.2057

Background



This preview shows how black text looks on a background with the XYZ color 17.5392, 26.4913, 13.2057.



This preview shows how white text looks on a background with the XYZ color 17.5392, 26.4913,

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

17.5392, 26.4913, 13.2057

Protanopia

24.0002, 26.1226, 11.5618

Deuteranopia

26.6053, 26.1477, 13.7700



Tritanopia

22.4146, 26.5427, 37.1996

Trichromacy



Original Color

17.5392, 26.4913, 13.2057

Protanomaly

20.8935, 25.8494, 12.0718

Deuteranomaly

22.1659, 25.5732, 13.4407

Tritanomaly

20.2300, 26.3681, 26.2136

Monochromacy



Original Color

17.5392, 26.4913, 13.2057

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

18.8792, 22.8799, 19.0440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5392, 26.4913, 13.2057 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(87, 156, 87)` looks like.

```
.text, #text, p{  
    color:rgb(87, 156, 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(87, 156, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 156, 87) }
```

Border

The CSS property to change the border of an element to XYZ 17.5392, 26.4913, 13.2057 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(87, 156, 87) }
```


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

```
.border{ border-color:rgb(87, 156, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 156, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 156, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 156, 87);  
box-shadow:4px 4px 4px 4px rgb(87, 156,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5392, 26.4913, 13.2057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 156, 87) }
```

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

```
.background{ background-color: rgb(87, 156,  
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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