

Converting Colors

XYZ(18.0409, 26.8466, 13.8390)

Have a look what the booklet for
XYZ(18.0409, 26.8466, 13.8390)
contains.

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Color

**XYZ(17.9504, 26.6888,
13.8782)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9C5A
RGB	90, 156, 90
RGB Percent	35%, 61%, 35%
CMY	0.6471, 0.3882, 0.6471
CMYK	0.42, 0.00, 0.42, 0.39
HSL	120°, 27%, 48%
HSV	120°, 42%, 61%
XYZ	17.9504, 26.6888, 13.8782
YIQ	128.7420, -18.1500, -34.5180

Conversions

Conversions Part 2

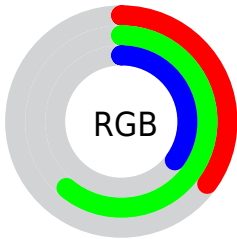
Format	Color
R_{YB}	90, 156, 156
Decimal	5938266
CIE _{Lab}	58.69, -35.05, 28.12
CIE _{LCh}	59, 44.934, 141.265
Yxy	26.6888, 0.3068, 0.4561
Android (android.graphics.Color)	4284128346 (0xFF5A9C5A)
YUV	128.7420, -19.0998, -33.9767
Hunter-Lab	51.6612, -28.3848, 20.2353

Details

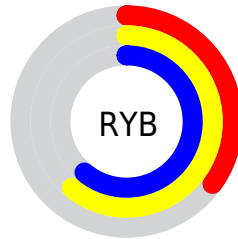
The XYZ color **17.9504, 26.6888, 13.8782** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.3681, 16.7811, 33.4610**, and the grayscale version is **20.8458, 21.9314, 23.8833**.

A 20% lighter version of the original color is **39.4297, 54.3513, 33.6120**, and **6.1493, 10.4684, 3.9820** is the 20% darker color. If you saturate the color by 10%, you get **15.9936, 25.7496, 10.6770**, and if you desaturate by 10%, it is **20.3664, 27.8501, 17.8296**.

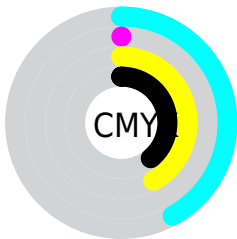
Distribution



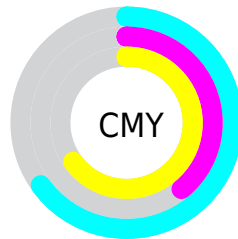
- Red (35%)
- Green (61%)
- Blue (35%)



- Red (35%)
- Yellow (61%)
- Blue (61%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (39%)



- Cyan (65%)
- Magenta (39%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9504, 26.6888, 13.8782 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 17.9504, 26.6888, 13.8782 by changing the saturation by 10% instead.

■ 17.9504, 26.6888,
13.8782

■ 17.9504, 26.6888,
13.8782

233.6423,
286.1472, 227.8738

■ 11.0139, 17.3396,
7.8982

■ 39.4835, 54.3841,
33.5868

■ 6.1435, 10.4769,
3.9430

■ 54.8108, 73.4990,
48.1524

■ 2.9740, 5.7163,
1.5942

■ 73.6658, 96.6380,
66.4171

■ 1.1400, 2.6734,
0.2866

■ 96.4137, 124.1854,
88.7992

■ 0.0582, 0.9637,
0.0000

123.4199,
156.5256, 115.7174

■ 0.0000, 0.0000,
0.0000

155.0499,

194.0430, 147.5902

191.6689,
237.1221, 184.8362

■ 17.9504, 26.6888,
13.8782

■ 17.9504, 26.6888,
13.8782

■ 15.9936, 25.7496,
10.6770

■ 20.3664, 27.8501,
17.8296

■ 14.4651, 25.0154,
8.1768

■ 23.2660, 29.2430,
22.5724

■ 13.3334, 24.4718,
6.3257


■ 26.6742, 30.8801,
28.1471


■ 12.5619, 24.1012,
5.0637


■ 30.6138, 32.7725,
34.5910


■ 12.1070, 23.8827,
4.3196


■ 35.1061, 34.9303,
41.9388

 11.8890, 23.7780,
3.9631

 40.1712, 37.3634,
50.2238

 45.8285, 40.0809,
59.4771

 52.0960, 43.0915,
69.7288

 58.9914, 46.4037,
81.0074

Harmonies

Analogous

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



21.7061, 26.6888, 8.9295



17.9504, 26.6888, 13.8782



16.2497, 26.6888, 24.6803

Triad

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



17.9504, 26.6888, 13.8782



23.7878, 26.6888, 70.6914



36.6094, 26.6888, 19.3636

Complementary

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



17.9504, 26.6888, 13.8782



23.3681, 16.7811, 33.4610

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.



37.3811, 26.6888, 33.9284



17.9504, 26.6888, 13.8782



29.4178, 26.6888, 67.6282

Square

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



17.9504, 26.6888, 13.8782



19.2840, 26.6888, 59.8355



34.5878, 26.6888, 52.5534



32.6108, 26.6888, 11.2026

Rectangle

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



17.9504, 26.6888, 13.8782



16.3103, 26.6888, 35.4169



34.5878, 26.6888, 52.5534



37.2757, 26.6888, 23.5125

Sweetspot

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



17.9511, 26.6899, 13.8788



47.8177, 55.7828, 50.0933



27.4454, 31.5844, 14.3229



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.



17.9511, 26.6899, 13.8788



29.1424, 46.8121, 19.5465



19.6808, 27.3818, 22.9875



6.5508, 7.4011, 7.0690



9.7925, 19.5849, 3.2642



0.1751, 0.3502, 0.0584

Inverse Universe

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



23.3681, 16.7811, 33.4610



40.3541, 26.3036, 60.0761



20.9424, 15.8108, 20.6876



6.9042, 6.7546, 8.3465



16.2357, 7.7989, 26.5561



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 17.9504, 26.6888, 13.8782 looks on a white background.

Color Contrast Check

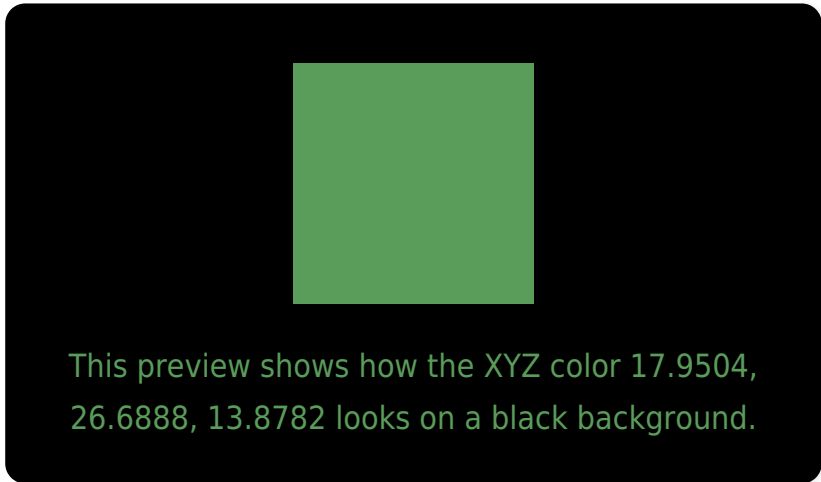
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

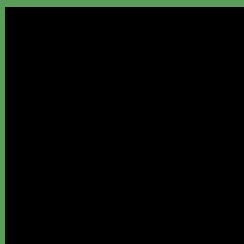
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9504, 26.6888, 13.8782

Background



This preview shows how black text looks on a background with the XYZ color 17.9504, 26.6888, 13.8782.



This preview shows how white text looks on a background with the XYZ color 17.9504, 26.6888,

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

17.9504, 26.6888, 13.8782

Protanopia

24.3047, 26.2663, 12.1764

Deuteranopia

26.7391, 26.2012, 14.4745



Tritanopia

22.6440, 26.6609, 37.2103

Trichromacy



Original Color

17.9504, 26.6888, 13.8782

Protanomaly

21.3187, 26.0549, 12.7096

Deuteranomaly

22.4640, 25.7118, 14.1348

Tritanomaly

20.5854, 26.5351, 26.9585

Monochromacy



Original Color

17.9504, 26.6888, 13.8782

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.3974, 23.3479, 19.7039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9504, 26.6888, 13.8782 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(90, 156, 90)` looks like.

```
.text, #text, p{  
    color:rgb(90, 156, 90)  
}
```

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(90, 156, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 156, 90) }
```

Border

The CSS property to change the border of an element to XYZ 17.9504, 26.6888, 13.8782 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(90, 156, 90) }
```


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

```
.border{ border-color:rgb(90, 156, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 156, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 156, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 156, 90);  
box-shadow:4px 4px 4px 4px rgb(90, 156,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9504, 26.6888, 13.8782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 156, 90) }
```

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

```
.background{ background-color: rgb(90, 156,  
90) }
```

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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