

Converting Colors

XYZ(17.8338, 24.9361, 11.4635)

Have a look what the booklet for
XYZ(17.8338, 24.9361, 11.4635)
contains.

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Color

**XYZ(17.9043, 25.0171,
11.4745)**

Conversions

Conversions Part 1

Format	Color
Hex	689550
RGB	104, 149, 80
RGB Percent	41%, 58%, 31%
CMY	0.5922, 0.4157, 0.6863
CMYK	0.30, 0.00, 0.46, 0.42
HSL	99°, 30%, 45%
HSV	99°, 46%, 58%
XYZ	17.9043, 25.0171, 11.4745
YIQ	127.6790, -4.6710, -30.9990

Conversions

Conversions Part 2

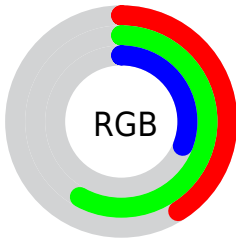
Format	Color
R_{YB}	80, 149, 125
Decimal	6853968
CIE _{Lab}	57.09, -28.43, 31.55
CIE _{LCh}	57, 42.471, 132.020
Yxy	25.0171, 0.3291, 0.4599
Android (android.graphics.Color)	4285044048 (0xFF689550)
YUV	127.6790, -23.5057, -20.7665
Hunter-Lab	50.0171, -23.6334, 21.4102

Details

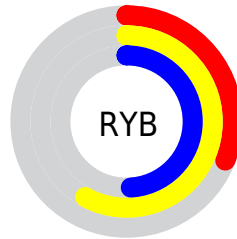
The XYZ color **17.9043, 25.0171, 11.4745** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.7520, 12.2679, 29.9201**, and the grayscale version is **20.4871, 21.5540, 23.4723**.

A 20% lighter version of the original color is **39.2898, 51.4917, 28.9872**, and **6.1635, 9.6294, 2.9727** is the 20% darker color. If you saturate the color by 10%, you get **16.3501, 24.2734, 8.8399**, and if you desaturate by 10%, it is **19.7119, 25.8789, 14.7593**.

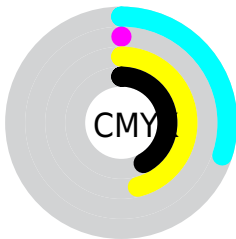
Distribution



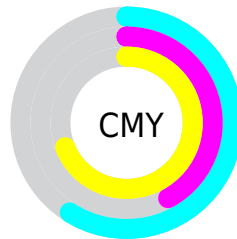
- Red (41%)
- Green (58%)
- Blue (31%)



- Red (31%)
- Yellow (58%)
- Blue (49%)



- Cyan (30%)
- Magenta (0%)
- Yellow (46%)
- Black (42%)



- Cyan (59%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9043, 25.0171, 11.4745 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 17.9043, 25.0171, 11.4745 by changing the saturation by 10% instead.

■ 17.9043, 25.0171,
11.4745

■ 17.9043, 25.0171,
11.4745

233.3871,
277.9231, 211.7475

■ 10.9806, 16.0898,
6.2688

■ 39.4055, 51.6850,
29.1843

■ 6.1210, 9.5877,
2.9378

■ 54.7138, 70.1943,
42.5254

■ 2.9601, 5.1265,
1.0629

■ 73.5476, 92.6665,
59.4154

■ 1.1327, 2.3217,
0.0000

■ 96.2722, 119.4858,
80.2728

■ 0.0522, 0.7851,
0.0000

■ 123.2532,
151.0368, 105.5162

■ 0.0000, 0.0000,
0.0000

154.8557,

187.7037, 135.5641

191.4453,
229.8710, 170.8350

■ 17.9043, 25.0171,
11.4745

■ 17.9043, 25.0171,
11.4745

■ 16.3501, 24.2734,
8.8399

■ 19.7119, 25.8789,
14.7593

■ 15.0349, 23.6389,
6.8107

■ 21.7826, 26.8606,
18.7320

■ 13.9454, 23.1087,
5.3390


■ 24.1279, 27.9681,
23.4293


■ 13.0663, 22.6760,
4.3689

■ 26.7579, 29.2059,
28.8847


■ 12.3762, 22.3318,
3.8161


■ 29.6824, 30.5783,
35.1299

 12.1550, 22.2213,
3.6485

 32.9104, 32.0894,
42.1944

 36.4506, 33.7430,
50.1065

 40.3116, 35.5429,
58.8931

 44.5013, 37.4927,
68.5797

Harmonies

Analogous

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



21.8310, 25.0171, 8.2063



17.9043, 25.0171, 11.4745



15.7540, 25.0171, 19.5919

Triad

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



17.9043, 25.0171, 11.4745



20.9315, 25.0171, 62.7294



34.4781, 25.0171, 21.8970

Complementary

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



17.9043, 25.0171, 11.4745



16.7520, 12.2679, 29.9201

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.



34.1477, 25.0171, 36.6556



17.9043, 25.0171, 11.4745



25.8374, 25.0171, 64.0305

Square

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



17.9043, 25.0171, 11.4745



17.3256, 25.0171, 50.1465



30.8135, 25.0171, 53.2495



31.6614, 25.0171, 12.6502

Rectangle

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



17.9043, 25.0171, 11.4745



15.4043, 25.0171, 28.2219



30.8135, 25.0171, 53.2495



34.7412, 25.0171, 26.2799

Sweetspot

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



17.9049, 25.0182, 11.4750



44.1198, 50.5146, 43.8234



21.1580, 21.5990, 10.6436



9.5814, 11.1023, 9.3104



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.9049, 25.0182, 11.4750



29.0687, 43.3671, 15.4897



15.9168, 23.9456, 13.5346



5.9085, 6.5607, 6.1954



10.2593, 18.7167, 3.0720



0.1551, 0.2443, 0.0390

Inverse Universe

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



16.7520, 12.2679, 29.9201



26.7059, 17.4993, 52.8914



19.8987, 13.9814, 25.9433



5.8415, 5.8093, 7.2832



8.7636, 3.9904, 24.2394



0.1392, 0.0653, 0.2982

Previews

White Background



This preview shows how the XYZ color 17.9043, 25.0171, 11.4745 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 17.9043, 25.0171, 11.4745 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 17.9043, 25.0171, 11.4745

Background



This preview shows how black text looks on a background with the XYZ color 17.9043, 25.0171, 11.4745.



This preview shows how white text looks on a background with the XYZ color 17.9043, 25.0171,

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

17.9043, 25.0171, 11.4745

Protanopia

22.8278, 24.8972, 10.4400

Deuteranopia

25.0999, 24.6047, 11.8138



Tritanopia

22.2626, 24.9616, 33.3505

Trichromacy



Original Color

17.9043, 25.0171, 11.4745

Protanomaly

20.5373, 24.5721, 10.6816

Deuteranomaly

21.8347, 24.3555, 11.7339

Tritanomaly

20.2947, 24.8324, 23.4621

Monochromacy



Original Color

17.9043, 25.0171, 11.4745

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.2812, 22.6780, 18.4000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9043, 25.0171, 11.4745 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(104, 149, 80)` looks like.

```
.text, #text, p{  
    color:rgb(104, 149, 80)  
}
```

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(104, 149, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 149, 80) }
```

Border

The CSS property to change the border of an element to XYZ 17.9043, 25.0171, 11.4745 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(104, 149, 80) }
```


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

```
.border{ border-color:rgb(104, 149, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 149, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 149, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 149, 80);  
box-shadow:4px 4px 4px 4px rgb(104, 149,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9043, 25.0171, 11.4745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 149, 80) }
```

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

```
.background{ background-color: rgb(104,  
149, 80) }
```

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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