

Converting Colors

XYZ(17.4381, 19.5101, 4.5971)

Have a look what the booklet for
XYZ(17.4381, 19.5101, 4.5971)
contains.

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Color

**XYZ(17.4086, 19.4504,
4.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	877B25
RGB	135, 123, 37
RGB Percent	53%, 48%, 15%
CMY	0.4706, 0.5176, 0.8549
CMYK	0.00, 0.09, 0.73, 0.47
HSL	53°, 57%, 34%
HSV	53°, 73%, 53%
XYZ	17.4086, 19.4504, 4.5870
YIQ	116.7840, 34.7580, -24.2020

Conversions

Conversions Part 2

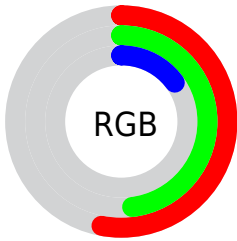
Format	Color
RYB	51, 135, 37
Decimal	8878885
CIELab	51.21, -5.75, 46.29
CIElCh	51, 46.644, 97.077
Yxy	19.4504, 0.4200, 0.4693
Android (android.graphics.Color)	4287068965 (0xFF877B25)
YUV	116.7840, -39.3335, 15.9754
Hunter-Lab	44.1026, -6.7203, 24.7052

Details

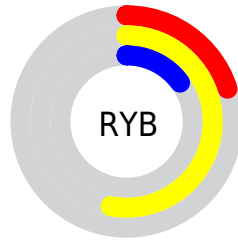
The XYZ color **17.4086, 19.4504, 4.5870** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6.2345, 4.3391, 23.4306**, and the grayscale version is **16.9524, 17.8353, 19.4226**.

A 20% lighter version of the original color is **38.5773, 42.4409, 15.3912**, and **5.9958, 6.8260, 1.0015** is the 20% darker color. If you saturate the color by 10%, you get **17.0315, 18.9750, 3.6022**, and if you desaturate by 10%, it is **17.8685, 19.9659, 5.9868**.

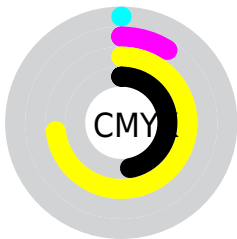
Distribution



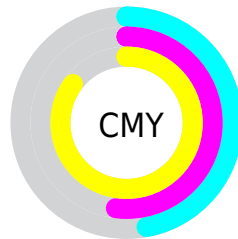
- Red (53%)
- Green (48%)
- Blue (15%)



- Red (20%)
- Yellow (53%)
- Blue (15%)



- Cyan (0%)
- Magenta (9%)
- Yellow (73%)
- Black (47%)



- Cyan (47%)
- Magenta (52%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4086, 19.4504, 4.5870 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 17.4086, 19.4504, 4.5870 by changing the saturation by 10% instead.

■ 17.4086, 19.4504,
4.5870

■ 17.4086, 19.4504,
4.5870

230.6268,
248.9241, 154.5421

■ 10.6233, 11.9962,
1.9526

■ 38.5650, 42.4938,
15.3424

■ 5.8796, 6.7411,
0.5259

■ 53.6669, 58.8518,
24.3005

■ 2.8120, 3.3007,
0.0000

■ 72.2717, 78.9464,
36.2035

■ 1.0551, 1.2907,
0.0000

■ 94.7447, 103.1622,
51.4701

■ 0.0000, 0.1340,
0.0000

■ 121.4514,
131.8834, 70.5186

■ 0.0000, 0.0000,
0.0000

■ 152.7571,

165.4946, 93.7678

189.0271,
204.3800, 121.6361

■ 17.4086, 19.4504,
4.5870

■ 17.4086, 19.4504,
4.5870

■ 17.0315, 18.9750,
3.6022

■ 17.8685, 19.9659,
5.9868

■ 16.7267, 18.5334,
2.9829

■ 18.4176, 20.5219,
7.8413

■ 16.5261, 18.2197,
2.6457

■ 19.0632, 21.1221,
10.1868

■ 19.8115, 21.7690,
13.0557

■ 20.6681, 22.4649,
16.4777

■ 21.6383, 23.2119,
20.4802

■ 22.7269, 24.0119,
25.0886

■ 23.9385, 24.8669,
30.3271

■ 25.2774, 25.7785,
36.2184

Harmonies

Analogous

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



22.1878, 19.4504, 5.2771



17.4086, 19.4504, 4.5870



13.6092, 19.4504, 6.6256

Triad

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



17.4086, 19.4504, 4.5870



12.2386, 19.4504, 40.6404



27.9914, 19.4504, 32.7825

Complementary

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



17.4086, 19.4504, 4.5870



6.2345, 4.3391, 23.4306

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.



24.4100, 19.4504, 48.8357



17.4086, 19.4504, 4.5870



15.2225, 19.4504, 54.5438

Square

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



17.4086, 19.4504, 4.5870



10.9659, 19.4504, 24.4876



19.6091, 19.4504, 58.0449



28.8400, 19.4504, 18.1812

Rectangle

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



17.4086, 19.4504, 4.5870



11.9589, 19.4504, 10.0975



19.6091, 19.4504, 58.0449



27.0412, 19.4504, 38.3408

Sweetspot

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



17.4090, 19.4513, 4.5874



37.0288, 40.2431, 29.5737



11.2305, 6.7051, 3.7277



8.4891, 9.2513, 6.4995



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.4090, 19.4513, 4.5874



30.1394, 33.4712, 5.6761



14.1509, 20.1180, 4.8878



4.9924, 5.3284, 4.9947



15.2456, 16.8138, 2.4419



0.0562, 0.0650, 0.0096

Inverse Universe

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



6.2345, 4.3391, 23.4306



8.9963, 4.9418, 41.5281



7.7775, 4.4865, 23.3777



4.4770, 4.6297, 5.8584



4.2167, 1.9813, 21.2969



0.0174, 0.0124, 0.0747

Previews

White Background



This preview shows how the XYZ color 17.4086, 19.4504, 4.5870 looks on a white background.

Color Contrast Check

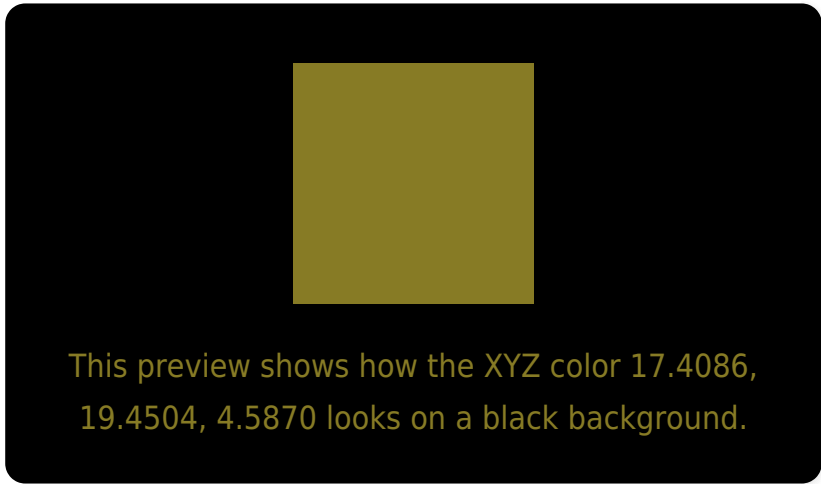
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4086, 19.4504, 4.5870

Background



This preview shows how black text looks on a background with the XYZ color 17.4086, 19.4504, 4.5870.



This preview shows how white text looks on a background with the XYZ color 17.4086, 19.4504,

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

17.4086, 19.4504, 4.5870

Protanopia

17.6100, 19.3710, 4.5611

Deuteranopia

19.7653, 19.4163, 4.7135



Tritanopia

20.9242, 19.4675, 21.7236

Trichromacy



Original Color

17.4086, 19.4504, 4.5870

Protanomaly

17.4468, 19.2869, 4.5535

Deuteranomaly

18.8171, 19.4511, 4.6821

Tritanomaly

19.0577, 19.2185, 12.8303

Monochromacy



Original Color

17.4086, 19.4504, 4.5870

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.6705, 18.1833, 11.8636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4086, 19.4504, 4.5870 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(135, 123, 37)` looks like.

```
.text, #text, p{  
    color:rgb(135, 123, 37)  
}
```

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(135, 123, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 123, 37) }
```

Border

The CSS property to change the border of an element to XYZ 17.4086, 19.4504, 4.5870 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(135, 123, 37) }
```


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

```
.border{ border-color:rgb(135, 123, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 123, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 123, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 123, 37);  
box-shadow:4px 4px 4px 4px rgb(135, 123,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4086, 19.4504, 4.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 123, 37) }
```

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

```
.background{ background-color: rgb(135,  
123, 37) }
```

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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