

Converting Colors

XYZ(17.1472, 19.5300, 11.7655)

Have a look what the booklet for
XYZ(17.1472, 19.5300, 11.7655)
contains.

XYZ(17.1817, 19.5501, 11.6721)	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(17.1817, 19.5501,
11.6721)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7D56
RGB	123, 125, 86
RGB Percent	48%, 49%, 34%
CMY	0.5176, 0.5098, 0.6627
CMYK	0.02, 0.00, 0.31, 0.51
HSL	63°, 18%, 41%
HSV	63°, 31%, 49%
XYZ	17.1817, 19.5501, 11.6721
YIQ	119.9560, 11.3270, -12.5530

Conversions

Conversions Part 2

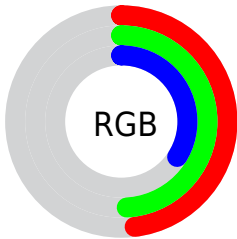
Format	Color
R_{YB}	86, 125, 88
Decimal	8093014
CIE _{Lab}	51.32, -7.48, 21.07
CIE _{LCh}	51, 22.357, 109.545
Yxy	19.5501, 0.3550, 0.4039
Android (android.graphics.Color)	4286283094 (0xFF7B7D56)
YUV	119.9560, -16.7403, 2.6696
Hunter-Lab	44.2155, -8.0138, 15.2993

Details

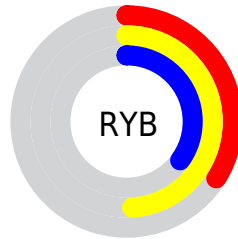
The XYZ color **17.1817, 19.5501, 11.6721** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.0548, 10.2115, 20.7916**, and the grayscale version is **17.8883, 18.8198, 20.4948**.

A 20% lighter version of the original color is **38.2688, 42.8485, 29.5462**, and **5.7151, 6.7386, 3.0069** is the 20% darker color. If you saturate the color by 10%, you get **16.6301, 19.3196, 9.2433**, and if you desaturate by 10%, it is **17.8230, 19.8179, 14.5658**.

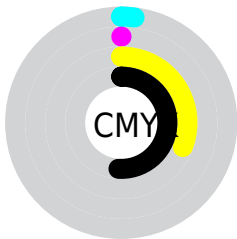
Distribution



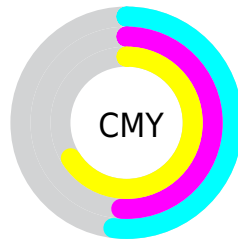
- Red (48%)
- Green (49%)
- Blue (34%)



- Red (34%)
- Yellow (49%)
- Blue (35%)



- Cyan (2%)
- Magenta (0%)
- Yellow (31%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1817, 19.5501, 11.6721 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 17.1817, 19.5501, 11.6721 by changing the saturation by 10% instead.

■ 17.1817, 19.5501,
11.6721

■ 17.1817, 19.5501,
11.6721

229.3532,
249.4690, 213.1225

■ 10.4602, 12.0684,
6.4010

■ 38.1790, 42.6616,
29.5519

■ 5.7698, 6.7903,
3.0177

■ 53.1856, 59.0602,
42.9977

■ 2.7449, 3.3313,
1.1037

■ 71.6846, 79.1999,
60.0054

■ 1.0203, 1.3070,
0.0000

■ 94.0414, 103.4652,
80.9936

■ 0.0000, 0.1467,
0.0000

■ 120.6212,
132.2403, 106.3809

■ 0.0000, 0.0000,
0.0000

151.7896,

165.9097, 136.5858

187.9118,
204.8578, 172.0269

■ 17.1817, 19.5501,
11.6721

■ 17.1817, 19.5501,
11.6721

■ 16.6301, 19.3196,
9.2433

■ 17.8230, 19.8179,
14.5658

■ 16.1622, 19.1219,
7.2540

■ 18.5567, 20.1222,
17.9455

■ 15.7734, 18.9559,
5.6783

■ 19.3875, 20.4652,
21.8326

■ 15.4582, 18.8195,
4.4869

■ 20.3189, 20.8487,
26.2469

■ 15.2103, 18.7100,
3.6468

■ 21.3546, 21.2739,
31.2070

■ 15.0224, 18.6246,
3.1197

■ 22.4979, 21.7422,
36.7307

■ 14.8845, 18.5605,
2.7980

■ 23.7521, 22.2549,
42.8350

■ 25.1202, 22.8133,
49.5362

■ 26.6052, 23.4185,
56.8497

Harmonies

Analogous

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



19.3721, 19.5501, 11.3374



17.1817, 19.5501, 11.6721



15.5016, 19.5501, 14.2617

Triad

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



17.1817, 19.5501, 11.6721



15.9321, 19.5501, 32.0846



23.1334, 19.5501, 23.5977

Complementary

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



17.1817, 19.5501, 11.6721



11.0548, 10.2115, 20.7916

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.



22.0451, 19.5501, 30.3066



17.1817, 19.5501, 11.6721



17.8133, 19.5501, 35.8182

Square

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



17.1817, 19.5501, 11.6721



14.8212, 19.5501, 25.6725



20.0559, 19.5501, 35.1092



22.9301, 19.5501, 17.4313

Rectangle

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



17.1817, 19.5501, 11.6721



14.8413, 19.5501, 17.2710



20.0559, 19.5501, 35.1092



22.9032, 19.5501, 25.8811

Sweetspot

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



17.1822, 19.5510, 11.6725



33.5096, 36.1480, 33.4410



13.6235, 12.0036, 10.4033



7.5826, 8.2060, 7.4224



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.1822, 19.5510, 11.6725



30.0885, 34.7247, 17.9003



14.6709, 18.2564, 11.5550



4.6442, 5.0085, 4.6421



15.5323, 19.3696, 2.9201



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.0548, 10.2115, 20.7916



17.3949, 15.3746, 36.7951



13.1478, 11.2905, 20.8895



4.1277, 4.2214, 5.4105



3.9454, 1.5876, 20.3484



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1817, 19.5501, 11.6721 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 17.1817, 19.5501, 11.6721 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

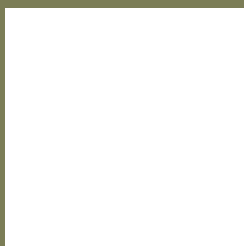
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1817, 19.5501, 11.6721

Background



This preview shows how black text looks on a background with the XYZ color 17.1817, 19.5501, 11.6721.



This preview shows how white text looks on a background with the XYZ color 17.1817, 19.5501,

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

17.1817, 19.5501, 11.6721

Protanopia

18.1149, 19.4805, 11.3997

Deuteranopia

19.7998, 19.4469, 11.9426



Tritanopia

19.5810, 19.6071, 23.5214

Trichromacy



Original Color

17.1817, 19.5501, 11.6721

Protanomaly

17.7759, 19.4889, 11.4192

Deuteranomaly

18.7533, 19.4394, 11.7806

Tritanomaly

18.5444, 19.5469, 18.4183

Monochromacy



Original Color

17.1817, 19.5501, 11.6721

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5515, 19.0667, 16.9425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1817, 19.5501, 11.6721 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(123, 125, 86)` looks like.

```
.text, #text, p{  
    color:rgb(123, 125, 86)  
}
```

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(123, 125, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 125, 86) }
```

Border

The CSS property to change the border of an element to XYZ 17.1817, 19.5501, 11.6721 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(123, 125, 86) }
```


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

```
.border{ border-color:rgb(123, 125, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 125, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 125, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 125, 86);  
box-shadow:4px 4px 4px 4px rgb(123, 125,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1817, 19.5501, 11.6721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 125, 86) }
```

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

```
.background{ background-color: rgb(123,  
125, 86) }
```

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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