

Converting Colors

XYZ(15.2497, 17.1608, 9.5161)

Have a look what the booklet for
XYZ(15.2497, 17.1608, 9.5161)
contains.

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Color

**XYZ(15.3086, 17.1803,
9.5305)**

Conversions

Conversions Part 1

Format	Color
Hex	77754D
RGB	119, 117, 77
RGB Percent	47%, 46%, 30%
CMY	0.5333, 0.5412, 0.6980
CMYK	0.00, 0.02, 0.35, 0.53
HSL	57°, 21%, 38%
HSV	57°, 35%, 47%
XYZ	15.3086, 17.1803, 9.5305
YIQ	113.0380, 14.0320, -12.0160

Conversions

Conversions Part 2

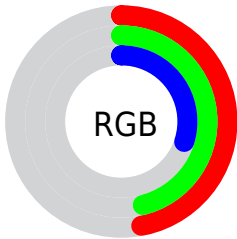
Format	Color
R_{YB}	79, 119, 77
Decimal	7828813
CIE Lab	48.49, -5.92, 22.38
CIE LCh	48, 23.152, 104.807
Yxy	17.1803, 0.3643, 0.4089
Android (android.graphics.Color)	4286018893 (0xFF77754D)
YUV	113.0380, -17.7667, 5.2287
Hunter-Lab	41.4491, -6.6097, 15.3817

Details

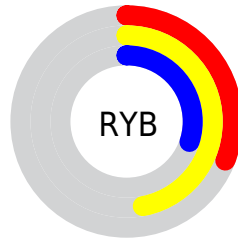
The XYZ color **15.3086, 17.1803, 9.5305** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.1864, 8.5015, 18.6096**, and the grayscale version is **15.7558, 16.5763, 18.0516**.

A 20% lighter version of the original color is **34.9671, 38.6529, 25.3565**, and **4.9146, 5.6626, 2.2005** is the 20% darker color. If you saturate the color by 10%, you get **14.8608, 16.8966, 7.4946**, and if you desaturate by 10%, it is **15.8346, 17.4971, 11.9722**.

Distribution



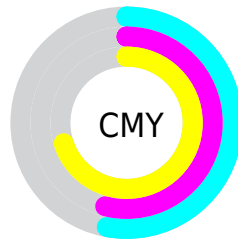
- Red (47%)
- Green (46%)
- Blue (30%)



- Red (31%)
- Yellow (47%)
- Blue (30%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (53%)



- Cyan (53%)
- Magenta (54%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3086, 17.1803, 9.5305 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 15.3086, 17.1803, 9.5305 by changing the saturation by 10% instead.

■ 15.3086, 17.1803,
9.5305

■ 15.3086, 17.1803,
9.5305

218.5781,
236.2093, 197.6490

■ 9.1240, 10.3631,
4.9873

■ 34.9609, 38.6355,
25.5025

■ 4.8799, 5.6404,
2.1812

■ 49.1593, 54.0423,
37.7683

■ 2.2110, 2.6277,
0.6635

■ 66.7596, 73.0812,
53.4454

■ 0.7485, 0.9406,
0.0000

■ 88.1272, 96.1364,
72.9523

■ 0.0000, 0.0000,
0.0000

■ 113.6276,
123.5924, 96.7076

143.6259,

155.8337, 125.1298

178.4876,
193.2445, 158.6374

■ 15.3086, 17.1803,
9.5305

■ 15.3086, 17.1803,
9.5305

■ 14.8608, 16.8966,
7.4946

■ 15.8346, 17.4971,
11.9722

■ 14.4856, 16.6420,
5.8413

■ 16.4414, 17.8463,
14.8391

■ 14.1789, 16.4154,
4.5467

■ 17.1329, 18.2300,
18.1506

■ 13.9356, 16.2148,
3.5839

■ 17.9127, 18.6497,
21.9245

■ 13.7498, 16.0378,
2.9220

■ 18.7838, 19.1065,
26.1778

■ 13.6116, 15.8805,
2.5087

■ 19.7494, 19.6018,
30.9266

■ 13.5511, 15.8085,
2.3371

■ 20.8124, 20.1367,
36.1861

■ 21.9756, 20.7123,
41.9710

■ 23.2415, 21.3296,
48.2954

Harmonies

Analogous

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



17.4222, 17.1803, 9.5435



15.3086, 17.1803, 9.5305



13.6193, 17.1803, 11.5801

Triad

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



15.3086, 17.1803, 9.5305



13.6021, 17.1803, 28.2093



20.5921, 17.1803, 21.9391

Complementary

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



15.3086, 17.1803, 9.5305



9.1864, 8.5015, 18.6096

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.



19.3770, 17.1803, 28.2825



15.3086, 17.1803, 9.5305



15.2832, 17.1803, 32.4018

Square

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



15.3086, 17.1803, 9.5305



12.6937, 17.1803, 21.8547



17.3945, 17.1803, 32.4312



20.6004, 17.1803, 15.8760

Rectangle

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



15.3086, 17.1803, 9.5305



12.9084, 17.1803, 14.1601



17.3945, 17.1803, 32.4312



20.3069, 17.1803, 24.1346

Sweetspot

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



15.3090, 17.1811, 9.5309



29.9202, 32.2259, 28.8552



11.6767, 9.7959, 8.6919



7.0602, 7.6202, 6.6922



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.3090, 17.1811, 9.5309



26.7785, 30.3656, 14.1716



13.2032, 16.4446, 9.4997



3.9525, 4.2379, 3.9520



14.3952, 16.7916, 2.4824



69.9677, 81.4639, 12.0364

Inverse Universe

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



9.1864, 8.5015, 18.6096



14.1435, 12.4558, 32.9118



10.7972, 9.1213, 18.6444



3.5133, 3.6153, 4.6029



3.6009, 1.5414, 18.6503



17.3697, 7.1560, 90.8260

Previews

White Background



This preview shows how the XYZ color 15.3086, 17.1803, 9.5305 looks on a white 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

Black Background



This preview shows how the XYZ color 15.3086, 17.1803, 9.5305 looks on a black 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

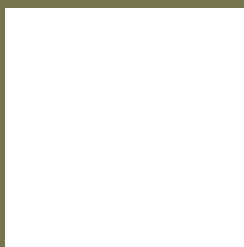
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3086, 17.1803, 9.5305

Background



This preview shows how black text looks on a background with the XYZ color 15.3086, 17.1803, 9.5305.



This preview shows how white text looks on a background with the XYZ color 15.3086, 17.1803,

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

15.3086, 17.1803, 9.5305

Protanopia

15.8927, 17.1432, 9.3088

Deuteranopia

17.4323, 17.1052, 9.5906



Tritanopia

17.4965, 17.2295, 20.1728

Trichromacy



Original Color

15.3086, 17.1803, 9.5305

Protanomaly

15.7183, 17.2235, 9.3335

Deuteranomaly

16.6403, 17.1856, 9.6478

Tritanomaly

16.5420, 17.1717, 15.5393

Monochromacy



Original Color

15.3086, 17.1803, 9.5305

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3878, 16.5996, 14.4496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3086, 17.1803, 9.5305 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(119, 117, 77)` looks like.

```
.text, #text, p{  
    color:rgb(119, 117, 77)  
}
```

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(119, 117, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 117, 77) }
```

Border

The CSS property to change the border of an element to XYZ 15.3086, 17.1803, 9.5305 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(119, 117, 77) }
```


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

```
.border{ border-color:rgb(119, 117, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 117, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 117, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 117, 77);  
box-shadow:4px 4px 4px 4px rgb(119, 117,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3086, 17.1803, 9.5305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 117, 77) }
```

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

```
.background{ background-color: rgb(119,  
117, 77) }
```

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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