

Converting Colors

XYZ(15.0795, 17.4976, 5.7146)

Have a look what the booklet for
XYZ(15.0795, 17.4976, 5.7146)
contains.

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Color

**XYZ(15.0795, 17.4976,
5.7146)**

Conversions

Conversions Part 1

Format	Color
Hex	797733
RGB	121, 119, 51
RGB Percent	47%, 47%, 20%
CMY	0.5255, 0.5333, 0.8000
CMYK	0.00, 0.02, 0.58, 0.53
HSL	58°, 41%, 34%
HSV	58°, 58%, 47%
XYZ	15.0795, 17.4976, 5.7146
YIQ	111.8460, 23.0200, -20.7240

Conversions

Conversions Part 2

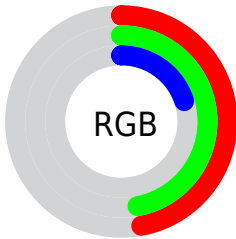
Format	Color
RYB	53, 121, 51
Decimal	7960371
CIELab	48.88, -8.98, 36.98
CIELCh	49, 38.058, 103.650
Yxy	17.4976, 0.3938, 0.4570
Android (android.graphics.Color)	4286150451 (0xFF797733)
YUV	111.8460, -29.9971, 8.0281
Hunter-Lab	41.8301, -8.8546, 21.1812

Details

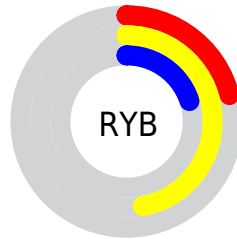
The XYZ color **15.0795, 17.4976, 5.7146** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.0895, 4.6304, 18.6618**, and the grayscale version is **15.4367, 16.2406, 17.6861**.

A 20% lighter version of the original color is **34.5424, 39.1599, 17.7946**, and **4.7845, 5.8108, 0.8981** is the 20% darker color. If you saturate the color by 10%, you get **14.8059, 17.3232, 4.4743**, and if you desaturate by 10%, it is **15.4235, 17.7017, 7.3215**.

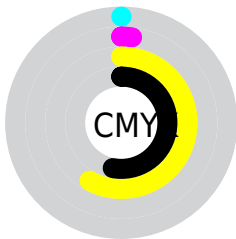
Distribution



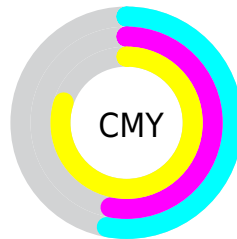
- Red (47%)
- Green (47%)
- Blue (20%)



- Red (21%)
- Yellow (47%)
- Blue (20%)



- Cyan (0%)
- Magenta (2%)
- Yellow (58%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0795, 17.4976, 5.7146 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 15.0795, 17.4976, 5.7146 by changing the saturation by 10% instead.

■ 15.0795, 17.4976,
5.7146

■ 15.0795, 17.4976,
5.7146

217.2258,
238.0238, 165.7129

■ 8.9619, 10.5899,
2.6064

■ 34.5631, 39.1794,
17.8029

■ 4.7732, 5.7918,
0.8957

■ 48.6598, 54.7222,
27.6201

■ 2.1482, 2.7189,
0.0000

■ 66.1469, 73.9122,
40.5106

■ 0.7152, 0.9868,
0.0000

■ 87.3897, 97.1338,
56.8930

■ 0.0000, 0.0000,
0.0000

■ 112.7537,
124.7714, 77.1860

■ 142.6041,

157.2093, 101.8079

177.3063,
194.8320, 131.1774

■ 15.0795, 17.4976,
5.7146

■ 15.0795, 17.4976,
5.7146

■ 14.8059, 17.3232,
4.4743

■ 15.4235, 17.7017,
7.3215

■ 14.5960, 17.1739,
3.5706

■ 15.8417, 17.9350,
9.3198

■ 14.4439, 17.0479,
2.9702

■ 16.3389, 18.2002,
11.7335

■ 14.3335, 16.9389,
2.5888

■ 16.9192, 18.4989,
14.5843

■ 14.3105, 16.9158,
2.5108

■ 17.5865, 18.8326,
17.8924

■ 18.3444, 19.2028,
21.6767

■ 19.1963, 19.6108,
25.9551

■ 20.1453, 20.0579,
30.7446

■ 21.1946, 20.5454,
36.0613

Harmonies

Analogous

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



18.6164, 17.4976, 5.8215



15.0795, 17.4976, 5.7146



12.3708, 17.4976, 8.1614

Triad

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



15.0795, 17.4976, 5.7146



12.1860, 17.4976, 35.8729



24.0339, 17.4976, 25.0666

Complementary

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



15.0795, 17.4976, 5.7146



6.0895, 4.6304, 18.6618

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.



21.7716, 17.4976, 36.8695



15.0795, 17.4976, 5.7146



14.7919, 17.4976, 44.4650

Square

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



15.0795, 17.4976, 5.7146



10.8671, 17.4976, 24.0192



18.2853, 17.4976, 44.8834



24.1399, 17.4976, 14.8215

Rectangle

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



15.0795, 17.4976, 5.7146



11.2585, 17.4976, 11.6589



18.2853, 17.4976, 44.8834



23.4873, 17.4976, 29.0515

Sweetspot

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



15.0799, 17.4984, 5.7150



30.3456, 33.1510, 26.3514



9.7194, 6.6929, 4.1884



6.8997, 7.5603, 5.8335



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.



15.0799, 17.4984, 5.7150



26.3944, 30.9401, 7.4879



11.4911, 16.0047, 5.6158



4.2984, 4.6153, 4.2888



15.3346, 18.1251, 2.6903



73.0364, 86.2362, 12.7958

Inverse Universe

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



6.0895, 4.6304, 18.6618



8.6808, 5.5922, 33.0148



8.2616, 5.6178, 18.7379



3.8059, 3.9102, 4.9973



3.7372, 1.5567, 19.4888



17.7202, 7.2131, 92.9281

Previews

White Background



This preview shows how the XYZ color 15.0795, 17.4976, 5.7146 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 15.0795, 17.4976, 5.7146 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 15.0795, 17.4976, 5.7146

Background



This preview shows how black text looks on a background with the XYZ color 15.0795, 17.4976, 5.7146.



This preview shows how white text looks on a background with the XYZ color 15.0795, 17.4976,

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

15.0795, 17.4976, 5.7146

Protanopia

15.8744, 17.3882, 5.5372

Deuteranopia

17.8286, 17.5552, 5.8170



Tritanopia

18.0864, 17.5336, 20.2004

Trichromacy



Original Color

15.0795, 17.4976, 5.7146

Protanomaly

15.5412, 17.3885, 5.5548

Deuteranomaly

16.7905, 17.5168, 5.7449

Tritanomaly

16.6537, 17.4477, 13.3165

Monochromacy



Original Color

15.0795, 17.4976, 5.7146

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.0464, 16.6445, 12.0925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0795, 17.4976, 5.7146 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(121, 119, 51)` looks like.

```
.text, #text, p{  
    color:rgb(121, 119, 51)  
}
```

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(121, 119, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 119, 51) }
```

Border

The CSS property to change the border of an element to XYZ 15.0795, 17.4976, 5.7146 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(121, 119, 51) }
```


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

```
.border{ border-color:rgb(121, 119, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 119, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 119, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 119, 51);  
box-shadow:4px 4px 4px 4px rgb(121, 119,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0795, 17.4976, 5.7146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 119, 51) }
```

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

```
.background{ background-color: rgb(121,  
119, 51) }
```

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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