

Converting Colors

XYZ(15.6517, 17.7265, 8.7275)

Have a look what the booklet for
XYZ(15.6517, 17.7265, 8.7275)
contains.

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Color

**XYZ(15.6517, 17.7265,
8.7275)**

Conversions

Conversions Part 1

Format	Color
Hex	797748
RGB	121, 119, 72
RGB Percent	47%, 47%, 28%
CMY	0.5255, 0.5333, 0.7176
CMYK	0.00, 0.02, 0.40, 0.53
HSL	58°, 25%, 38%
HSV	58°, 40%, 47%
XYZ	15.6517, 17.7265, 8.7275
YIQ	114.2400, 16.2790, -14.1930

Conversions

Conversions Part 2

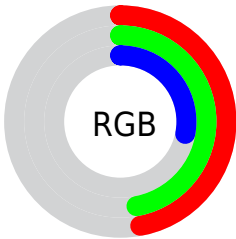
Format	Color
R_{YB}	74, 121, 72
Decimal	7960392
CIE Lab	49.16, -6.81, 26.12
CIE LCh	49, 26.991, 104.624
Yxy	17.7265, 0.3717, 0.4210
Android (android.graphics.Color)	4286150472 (0xFF797748)
YUV	114.2400, -20.8243, 5.9285
Hunter-Lab	42.1029, -7.3228, 17.1818

Details

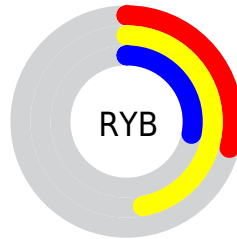
The XYZ color **15.6517, 17.7265, 8.7275** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.5724, 7.6555, 19.1150**, and the grayscale version is **16.1239, 16.9636, 18.4733**.

A 20% lighter version of the original color is **35.4697, 39.5050, 23.8449**, and **5.0496, 5.9252, 1.9144** is the 20% darker color. If you saturate the color by 10%, you get **15.2369, 17.4675, 6.8298**, and if you desaturate by 10%, it is **16.1454, 18.0188, 11.0353**.

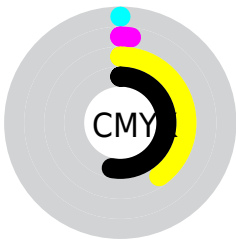
Distribution



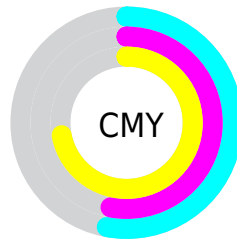
- Red (47%)
- Green (47%)
- Blue (28%)



- Red (29%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6517, 17.7265, 8.7275 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 15.6517, 17.7265, 8.7275 by changing the saturation by 10% instead.

■ 15.6517, 17.7265,
8.7275

■ 15.6517, 17.7265,
8.7275

220.5886,
239.3249, 191.4745

■ 9.3673, 10.7538,
4.4695

■ 35.5548, 39.5707,
23.9421

■ 5.0405, 5.9015,
1.8863

■ 49.9043, 55.2111,
35.7357

■ 2.3061, 2.7853,
0.4840

■ 67.6728, 74.5094,
50.8783

■ 0.7978, 1.0207,
0.0000

■ 89.2257, 97.8501,
69.7884

■ 0.0000, 0.0000,
0.0000

■ 114.9284,
125.6177, 92.8845

145.1462,

158.1964, 120.5852

180.2445,
195.9706, 153.3090

■ 15.6517, 17.7265,
8.7275

■ 15.6517, 17.7265,
8.7275

■ 15.2369, 17.4675,
6.8298

■ 16.1454, 18.0188,
11.0353

■ 14.8950, 17.2376,
5.3170

■ 16.7210, 18.3436,
13.7744

■ 14.6216, 17.0356,
4.1628

■ 17.3827, 18.7034,
16.9655

■ 14.4108, 16.8591,
3.3372

■ 18.1342, 19.0996,
20.6281

■ 14.2561, 16.7055,
2.8051

■ 18.9789, 19.5336,
24.7802

■ 14.1386, 16.5717,
2.4535

■ 19.9202, 20.0067,
29.4389

■ 20.9610, 20.5201,
34.6208

■ 22.1045, 21.0751,
40.3413

■ 23.3533, 21.6727,
46.6154

Harmonies

Analogous

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



18.1695, 17.7265, 8.7554



15.6517, 17.7265, 8.7275



13.6617, 17.7265, 10.9968

Triad

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



15.6517, 17.7265, 8.7275



13.6225, 17.7265, 30.8145



21.9792, 17.7265, 23.2296

Complementary

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



15.6517, 17.7265, 8.7275



8.5724, 7.6555, 19.1150

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.



20.4960, 17.7265, 30.9913



15.6517, 17.7265, 8.7275



15.5931, 17.7265, 36.0608

Square

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



15.6517, 17.7265, 8.7275



12.5721, 17.7265, 23.0306



18.1048, 17.7265, 36.1326



21.9989, 17.7265, 15.9978

Rectangle

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



15.6517, 17.7265, 8.7275



12.8299, 17.7265, 13.9323



18.1048, 17.7265, 36.1326



21.6291, 17.7265, 25.8976

Sweetspot

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



15.6521, 17.7273, 8.7279



30.9021, 33.3718, 29.2878



11.4539, 9.2004, 7.7307



7.0386, 7.6158, 6.5652



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.



15.6521, 17.7273, 8.7279



27.3035, 31.2916, 12.3131



13.1473, 16.7925, 8.6795



4.2944, 4.6073, 4.2874



15.1496, 17.7551, 2.6286



72.1087, 84.3808, 12.4866

Inverse Universe

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



8.5724, 7.6555, 19.1150



12.6958, 10.5129, 33.7529



10.3899, 8.3977, 19.1625



3.8095, 3.9173, 4.9985



3.7537, 1.5899, 19.4943



17.7538, 7.2802, 92.9393

Previews

White Background



This preview shows how the XYZ color 15.6517, 17.7265, 8.7275 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 15.6517, 17.7265, 8.7275 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 15.6517, 17.7265, 8.7275

Background



This preview shows how black text looks on a background with the XYZ color 15.6517, 17.7265, 8.7275.



This preview shows how white text looks on a background with the XYZ color 15.6517, 17.7265,

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

15.6517, 17.7265, 8.7275

Protanopia

16.4007, 17.7667, 8.5261

Deuteranopia

18.0147, 17.7455, 8.9543



Tritanopia

18.1704, 17.7274, 20.8764

Trichromacy



Original Color

15.6517, 17.7265, 8.7275

Protanomaly

16.0732, 17.7718, 8.5444

Deuteranomaly

17.1648, 17.8108, 8.8365

Tritanomaly

17.0869, 17.6209, 15.5973

Monochromacy



Original Color

15.6517, 17.7265, 8.7275

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8336, 17.1735, 14.2847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6517, 17.7265, 8.7275 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, 72)` looks like.

```
.text, #text, p{  
    color:rgb(121, 119, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 119, 72) }
```

Border

The CSS property to change the border of an element to XYZ 15.6517, 17.7265, 8.7275 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, 72) }
```


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

```
.border{ border-color:rgb(121, 119, 72) }
```

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, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 119, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 119, 72);  
box-shadow:4px 4px 4px 4px rgb(121, 119,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6517, 17.7265, 8.7275 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, 72) }
```

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

```
.background{ background-color: rgb(121,  
119, 72) }
```

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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