

Converting Colors

XYZ(15.4787, 17.0914, 7.4849)

Have a look what the booklet for
XYZ(15.4787, 17.0914, 7.4849)
contains.

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Color

**XYZ(15.5117, 17.1575,
7.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7441
RGB	124, 116, 65
RGB Percent	49%, 45%, 25%
CMY	0.5137, 0.5451, 0.7451
CMYK	0.00, 0.06, 0.48, 0.51
HSL	52°, 31%, 37%
HSV	52°, 48%, 49%
XYZ	15.5117, 17.1575, 7.4952
YIQ	112.5780, 21.1390, -14.1650

Conversions

Conversions Part 2

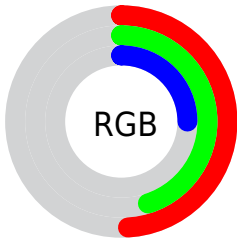
Format	Color
R_{YB}	74, 124, 65
Decimal	8156225
CIE Lab	48.46, -4.60, 29.17
CIE LCh	48, 29.527, 98.955
Yxy	17.1575, 0.3862, 0.4272
Android (android.graphics.Color)	4286346305 (0xFF7C7441)
YUV	112.5780, -23.4560, 10.0171
Hunter-Lab	41.4216, -5.6426, 18.2667

Details

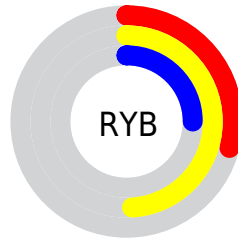
The XYZ color **15.5117, 17.1575, 7.4952** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.2006, 7.3439, 20.0541**, and the grayscale version is **15.6342, 16.4484, 17.9123**.

A 20% lighter version of the original color is **35.4000, 38.6851, 21.5208**, and **4.9323, 5.5977, 1.4366** is the 20% darker color. If you saturate the color by 10%, you get **14.9994, 16.6460, 5.7427**, and if you desaturate by 10%, it is **16.1072, 17.7092, 9.6650**.

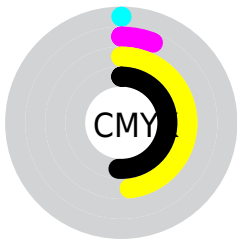
Distribution



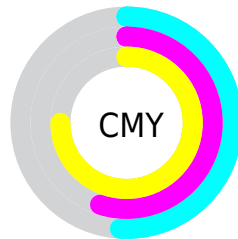
- Red (49%)
- Green (45%)
- Blue (25%)



- Red (29%)
- Yellow (49%)
- Blue (25%)



- Cyan (0%)
- Magenta (6%)
- Yellow (48%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5117, 17.1575, 7.4952 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 15.5117, 17.1575, 7.4952 by changing the saturation by 10% instead.

■ 15.5117, 17.1575,
7.4952

■ 15.5117, 17.1575,
7.4952

219.7704,
236.0784, 181.5014

■ 9.2679, 10.3468,
3.6906

■ 35.3127, 38.5964,
21.4923

■ 4.9749, 5.6295,
1.4572

■ 49.6007, 53.9934,
32.5219

■ 2.2671, 2.6211,
0.1857

■ 67.3008, 73.0213,
46.7968

■ 0.7778, 0.9373,
0.0000

■ 88.7783, 96.0645,
64.7357

■ 0.0000, 0.0000,
0.0000

■ 114.3987,
123.5075, 86.7571

■ 144.5273,

155.7345, 113.2794

179.5294,
193.1300, 144.7214

■ 15.5117, 17.1575,
7.4952

■ 15.5117, 17.1575,
7.4952

■ 14.9994, 16.6460,
5.7427

■ 16.1072, 17.7092,
9.6650

■ 14.5639, 16.1702,
4.3791

■ 16.7895, 18.3005,
12.2761

■ 14.1996, 15.7284,
3.3737

■ 17.5633, 18.9342,
15.3518

■ 13.8999, 15.3180,
2.6911

■ 18.4328, 19.6118,
18.9136

■ 13.6491, 14.9326,
2.2491

■ 19.4018, 20.3349,
22.9816

■ 13.5900, 14.8408,
2.1483

■ 20.4738, 21.1050,
27.5747

■ 21.6524, 21.9235,
32.7110

■ 22.9407, 22.7917,
38.4075

■ 24.3420, 23.7109,
44.6807

Harmonies

Analogous

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



18.2470, 17.1575, 7.9455



15.5117, 17.1575, 7.4952



13.2524, 17.1575, 9.3297

Triad

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



15.5117, 17.1575, 7.4952



12.5894, 17.1575, 29.6943



21.6575, 17.1575, 24.5553

Complementary

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



15.5117, 17.1575, 7.4952



8.2006, 7.3439, 20.0541

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.



19.7998, 17.1575, 32.8185



15.5117, 17.1575, 7.4952



14.5109, 17.1575, 36.3099

Square

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



15.5117, 17.1575, 7.4952



11.6920, 17.1575, 21.0966



17.1305, 17.1575, 37.5889



22.0017, 17.1575, 16.4584

Rectangle

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



15.5117, 17.1575, 7.4952



12.2464, 17.1575, 12.0065



17.1305, 17.1575, 37.5889



21.1802, 17.1575, 27.4612

Sweetspot

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



15.5121, 17.1583, 7.4956



31.3855, 33.6984, 28.9554



11.4336, 8.5583, 7.5016



7.3283, 7.8864, 6.5614



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.



15.5121, 17.1583, 7.4956



26.3315, 29.2261, 9.8966



13.7956, 17.7013, 7.6908



4.2636, 4.5457, 4.2772



13.8142, 15.0844, 2.1835



65.4399, 71.0433, 10.2637

Inverse Universe

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



8.2006, 7.3439, 20.0541



11.8411, 9.7871, 34.8216



9.3342, 7.1979, 19.9661



3.8374, 3.9731, 5.0078



3.8979, 1.8783, 19.5424



18.2204, 8.2133, 93.0948

Previews

White Background



This preview shows how the XYZ color 15.5117, 17.1575, 7.4952 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 15.5117, 17.1575, 7.4952 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 15.5117, 17.1575, 7.4952

Background



This preview shows how black text looks on a background with the XYZ color 15.5117, 17.1575, 7.4952.



This preview shows how white text looks on a background with the XYZ color 15.5117, 17.1575,

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

15.5117, 17.1575, 7.4952

Protanopia

15.6891, 17.0787, 7.4707

Deuteranopia

17.3745, 17.1207, 7.5431



Tritanopia

17.8992, 17.1270, 19.5020

Trichromacy



Original Color

15.5117, 17.1575, 7.4952

Protanomaly

15.5423, 17.0031, 7.4638

Deuteranomaly

16.6091, 17.0500, 7.5698

Tritanomaly

16.7987, 17.0012, 14.2006

Monochromacy



Original Color

15.5117, 17.1575, 7.4952

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4648, 16.6611, 13.4672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5117, 17.1575, 7.4952 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(124, 116, 65)` looks like.

```
.text, #text, p{  
    color:rgb(124, 116, 65)  
}
```

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(124, 116, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 116, 65) }
```

Border

The CSS property to change the border of an element to XYZ 15.5117, 17.1575, 7.4952 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(124, 116, 65) }
```


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

```
.border{ border-color:rgb(124, 116, 65) }
```

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

Here you see how a box with a 4 pixel rgb(124, 116, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 116, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 116, 65);  
box-shadow:4px 4px 4px 4px rgb(124, 116,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5117, 17.1575, 7.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 116, 65) }
```

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

```
.background{ background-color: rgb(124,  
116, 65) }
```

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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