

Converting Colors

XYZ(15.0665, 17.9782, 8.6283)

Have a look what the booklet for
XYZ(15.0665, 17.9782, 8.6283)
contains.

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Color

**XYZ(15.0363, 17.9514,
8.6337)**

Conversions

Conversions Part 1

Format	Color
Hex	727A47
RGB	114, 122, 71
RGB Percent	45%, 48%, 28%
CMY	0.5529, 0.5216, 0.7216
CMYK	0.07, 0.00, 0.42, 0.52
HSL	69°, 26%, 38%
HSV	69°, 42%, 48%
XYZ	15.0363, 17.9514, 8.6337
YIQ	113.7940, 11.6030, -17.5570

Conversions

Conversions Part 2

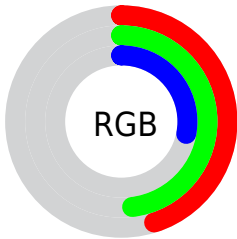
Format	Color
RYB	71, 122, 79
Decimal	7502407
CIELab	49.44, -11.64, 26.90
CIELCh	49, 29.309, 113.394
Yxy	17.9514, 0.3613, 0.4313
Android (android.graphics.Color)	4285692487 (0xFF727A47)
YUV	113.7940, -21.0974, 0.1807
Hunter-Lab	42.3691, -10.7983, 17.5766

Details

The XYZ color **15.0363, 17.9514, 8.6337** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.9912, 7.5743, 19.4015**, and the grayscale version is **15.9916, 16.8244, 18.3218**.

A 20% lighter version of the original color is **34.4626, 39.8437, 23.6435**, and **4.7380, 5.9591, 1.8202** is the 20% darker color. If you saturate the color by 10%, you get **14.4372, 17.6839, 6.7631**, and if you desaturate by 10%, it is **15.7202, 18.2546, 10.9195**.

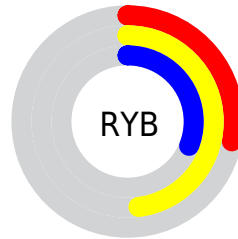
Distribution



Red (45%)

Green (48%)

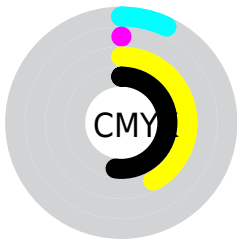
Blue (28%)



Red (28%)

Yellow (48%)

Blue (31%)

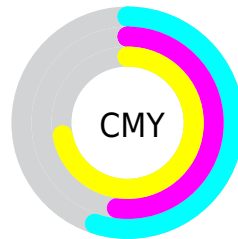


Cyan (7%)

Magenta (0%)

Yellow (42%)

Black (52%)



Cyan (55%)

Magenta (52%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0363, 17.9514, 8.6337 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 15.0363, 17.9514, 8.6337 by changing the saturation by 10% instead.

■ 15.0363, 17.9514,
8.6337

■ 15.0363, 17.9514,
8.6337

216.9698,
240.5970, 190.7377

■ 8.9313, 10.9151,
4.4095

■ 34.4880, 39.9545,
23.7581

■ 4.7532, 6.0098,
1.8526

■ 48.5654, 55.6901,
35.4953

■ 2.1364, 2.8510,
0.4623

■ 66.0311, 75.0942,
50.5740

■ 0.7089, 1.0545,
0.0000

■ 87.2503, 98.5513,
69.4126

■ 0.0000, 0.0000,
0.0000

■ 112.5884,
126.4457, 92.4297

142.4108,

159.1619, 120.0439

177.0828,
197.0842, 152.6737

■ 15.0363, 17.9514,
8.6337

■ 15.0363, 17.9514,
8.6337

■ 14.4372, 17.6839,
6.7631

■ 15.7202, 18.2546,
10.9195

■ 13.9167, 17.4479,
5.2816

■ 16.4918, 18.5930,
13.6421

■ 13.4701, 17.2419,
4.1619

■ 17.3558, 18.9688,
16.8233

■ 13.0913, 17.0637,
3.3729

■ 18.3158, 19.3838,
20.4827

■ 12.7734, 16.9105,
2.8780

■ 19.3755, 19.8392,
24.6390

■ 12.5373, 16.7951,
2.5810

■ 20.5382, 20.3364,
29.3099

■ 21.8072, 20.8767,
34.5122

■ 23.1855, 21.4614,
40.2619

■ 24.6761, 22.0917,
46.5744

Harmonies

Analogous

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



17.6815, 17.9514, 7.9831



15.0363, 17.9514, 8.6337



13.1387, 17.9514, 11.7969

Triad

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



15.0363, 17.9514, 8.6337



14.0830, 17.9514, 34.5018



22.9100, 17.9514, 21.3513

Complementary

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



15.0363, 17.9514, 8.6337



8.9912, 7.5743, 19.4015

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.



21.6981, 17.9514, 30.1093



15.0363, 17.9514, 8.6337



16.4577, 17.9514, 38.9186

Square

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



15.0363, 17.9514, 8.6337



12.6314, 17.9514, 26.2397



19.2625, 17.9514, 37.1251



22.4243, 17.9514, 14.1001

Rectangle

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



15.0363, 17.9514, 8.6337



12.4559, 17.9514, 15.5079



19.2625, 17.9514, 37.1251



22.6838, 17.9514, 24.2306

Sweetspot

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



15.0367, 17.9522, 8.6341



30.2922, 33.2659, 28.6976



11.9348, 10.1346, 7.2886



6.8607, 7.5778, 6.3177



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.



15.0367, 17.9522, 8.6341



25.4571, 31.1362, 12.0748



12.2029, 16.4913, 8.5015



4.2489, 4.6036, 4.2891



13.1934, 17.6787, 2.7170



62.3450, 84.0255, 12.9326

Inverse Universe

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



8.9912, 7.5743, 19.4015



13.3391, 10.3186, 33.6815



11.4930, 8.8641, 19.5186



3.8508, 3.9210, 4.9970



3.9790, 1.6240, 19.4890



18.5022, 7.5003, 92.9423

Previews

White Background



This preview shows how the XYZ color 15.0363, 17.9514, 8.6337 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 15.0363, 17.9514, 8.6337 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 15.0363, 17.9514, 8.6337

Background



This preview shows how black text looks on a background with the XYZ color 15.0363, 17.9514, 8.6337.



This preview shows how white text looks on a background with the XYZ color 15.0363, 17.9514,

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

15.0363, 17.9514, 8.6337

Protanopia

16.4887, 17.8194, 8.2007

Deuteranopia

18.1521, 17.8202, 8.7862



Tritanopia

17.6928, 17.9645, 21.9370

Trichromacy



Original Color

15.0363, 17.9514, 8.6337

Protanomaly

16.0145, 17.9209, 8.4094

Deuteranomaly

16.9308, 17.8642, 8.6867

Tritanomaly

16.4994, 17.8283, 15.9362

Monochromacy



Original Color

15.0363, 17.9514, 8.6337

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5053, 17.1818, 14.0545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0363, 17.9514, 8.6337 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(114, 122, 71)` looks like.

```
.text, #text, p{  
    color:rgb(114, 122, 71)  
}
```

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(114, 122, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 122, 71) }
```

Border

The CSS property to change the border of an element to XYZ 15.0363, 17.9514, 8.6337 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(114, 122, 71) }
```


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

```
.border{ border-color:rgb(114, 122, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 122, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 122, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 122, 71);  
box-shadow:4px 4px 4px 4px rgb(114, 122,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0363, 17.9514, 8.6337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 122, 71) }
```

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

```
.background{ background-color: rgb(114,  
122, 71) }
```

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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