

Converting Colors

XYZ(14.3857, 15.1712, 4.8812)

Have a look what the booklet for
XYZ(14.3857, 15.1712, 4.8812)
contains.

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Color

**XYZ(14.3750, 15.1562,
4.8571)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6B2F
RGB	126, 107, 47
RGB Percent	49%, 42%, 18%
CMY	0.5059, 0.5804, 0.8157
CMYK	0.00, 0.15, 0.63, 0.51
HSL	46°, 46%, 34%
HSV	46°, 63%, 49%
XYZ	14.3750, 15.1562, 4.8571
YIQ	105.8410, 30.5840, -14.6320

Conversions

Conversions Part 2

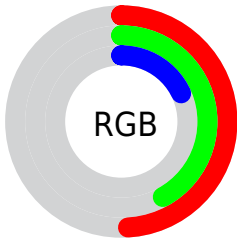
Format	Color
R_{YB}	72, 126, 47
Decimal	8284975
CIE _{Lab}	45.85, -0.19, 35.70
CIE _{LCh}	46, 35.703, 90.302
Yxy	15.1562, 0.4180, 0.4407
Android (android.graphics.Color)	4286475055 (0xFF7E6B2F)
YUV	105.8410, -29.0086, 17.6794
Hunter-Lab	38.9310, -2.2192, 19.8545

Details

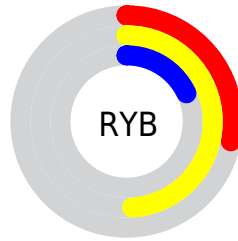
The XYZ color **14.3750, 15.1562, 4.8571** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.8864, 6.0070, 20.5353**, and the grayscale version is **13.7274, 14.4423, 15.7276**.

A 20% lighter version of the original color is **33.3485, 35.1037, 15.8445**, and **4.4399, 4.6876, 0.6708** is the 20% darker color. If you saturate the color by 10%, you get **13.8464, 14.4487, 3.6030**, and if you desaturate by 10%, it is **14.9888, 15.9167, 6.5022**.

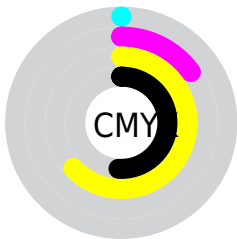
Distribution



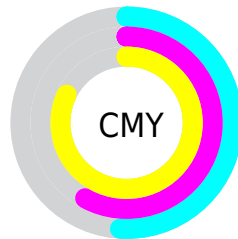
- Red (49%)
- Green (42%)
- Blue (18%)



- Red (28%)
- Yellow (49%)
- Blue (18%)



- Cyan (0%)
- Magenta (15%)
- Yellow (63%)
- Black (51%)





- Cyan (51%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3750, 15.1562, 4.8571 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 14.3750, 15.1562, 4.8571 by changing the saturation by 10% instead.


 14.3750, 15.1562,
4.8571


 14.3750, 15.1562,
4.8571


213.0156,
224.3097, 157.3226


 8.4654, 8.9291,
2.1064


 33.3337, 35.1270,
15.9427


 4.4484, 4.6950,
0.6196

 47.1135, 49.6394,
25.1146


 1.9588, 2.0694,
0.0000

 64.2473, 67.6824,
37.2641

 0.6107, 0.6473,
0.0000

 85.1007, 89.6404,
52.8095

 0.0000, 0.0000,
0.0000

 110.0388,
115.8977, 72.1696

 139.4271,

146.8388, 95.7627

173.6309,
182.8480, 124.0076

■ 14.3750, 15.1562,
4.8571

■ 14.3750, 15.1562,
4.8571

■ 13.8464, 14.4487,
3.6030

■ 14.9888, 15.9167,
6.5022

■ 13.3953, 13.7891,
2.7046

■ 15.6927, 16.7305,
8.5676

■ 13.0142, 13.1749,
2.1213

■ 16.4922, 17.6006,
11.0811

■ 12.7598, 12.7468,
1.7879

■ 17.3921, 18.5292,
14.0675

■ 18.3971, 19.5181,
17.5501

■ 19.5113, 20.5693,
21.5503

■ 20.7386, 21.6845,
26.0887

■ 22.0828, 22.8654,
31.1843

■ 23.5475, 24.1135,
36.8556

Harmonies

Analogous

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



17.4674, 15.1562, 5.8855



14.3750, 15.1562, 4.8571



11.6781, 15.1562, 5.9295

Triad

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



14.3750, 15.1562, 4.8571



9.9639, 15.1562, 26.3587



20.0408, 15.1562, 26.1523

Complementary

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



14.3750, 15.1562, 4.8571



6.8864, 6.0070, 20.5353

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.



17.5277, 15.1562, 35.3497



14.3750, 15.1562, 4.8571



11.7241, 15.1562, 35.4952

Square

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



14.3750, 15.1562, 4.8571



9.3582, 15.1562, 16.5901



14.4361, 15.1562, 39.2477



21.0031, 15.1562, 16.4152

Rectangle

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



14.3750, 15.1562, 4.8571



10.3953, 15.1562, 8.0176



14.4361, 15.1562, 39.2477



19.3335, 15.1562, 29.5161

Sweetspot

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



14.3754, 15.1569, 4.8574



31.1687, 33.1698, 26.6584



10.6265, 6.8711, 6.0373



6.9975, 7.4529, 5.7478



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.



14.3754, 15.1569, 4.8574



24.0348, 24.9519, 5.6290



13.9477, 18.2066, 5.4686



4.5805, 4.8497, 4.6148



13.0869, 13.0703, 1.8331



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.8864, 6.0070, 20.5353



9.7401, 7.5285, 35.6841



7.0802, 4.7240, 20.2774



4.1864, 4.3667, 5.4355



4.3446, 2.5077, 20.5050



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3750, 15.1562, 4.8571 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 14.3750, 15.1562, 4.8571 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 14.3750, 15.1562, 4.8571

Background



This preview shows how black text looks on a background with the XYZ color 14.3750, 15.1562, 4.8571.



This preview shows how white text looks on a background with the XYZ color 14.3750, 15.1562,

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

14.3750, 15.1562, 4.8571

Protanopia

13.8873, 15.2156, 5.0013

Deuteranopia

15.3754, 15.0648, 4.8937



Tritanopia

16.7205, 15.2154, 16.2429

Trichromacy



Original Color

14.3750, 15.1562, 4.8571

Protanomaly

14.0644, 15.1495, 4.9792

Deuteranomaly

14.9995, 15.0196, 4.9048

Tritanomaly

15.5832, 15.0395, 10.8857

Monochromacy



Original Color

14.3750, 15.1562, 4.8571

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.6038, 14.4747, 10.6712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3750, 15.1562, 4.8571 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(126, 107, 47)` looks like.

```
.text, #text, p{  
    color:rgb(126, 107, 47)  
}
```

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(126, 107, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 107, 47) }
```

Border

The CSS property to change the border of an element to XYZ 14.3750, 15.1562, 4.8571 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(126, 107, 47) }
```


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

```
.border{ border-color:rgb(126, 107, 47) }
```

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

Here you see how a box with a 4 pixel rgb(126, 107, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 107, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 107, 47);  
box-shadow:4px 4px 4px 4px rgb(126, 107,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3750, 15.1562, 4.8571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 107, 47) }
```

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

```
.background{ background-color: rgb(126,  
107, 47) }
```

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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