

Converting Colors

XYZ(12.5502, 14.4843, 6.8369)

Have a look what the booklet for
XYZ(12.5502, 14.4843, 6.8369)
contains.

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Color

**XYZ(12.5502, 14.4843,
6.8369)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6D3F
RGB	108, 109, 63
RGB Percent	42%, 43%, 25%
CMY	0.5765, 0.5725, 0.7529
CMYK	0.01, 0.00, 0.42, 0.57
HSL	61°, 27%, 34%
HSV	61°, 42%, 43%
XYZ	12.5502, 14.4843, 6.8369
YIQ	103.4570, 14.1700, -14.5180

Conversions

Conversions Part 2

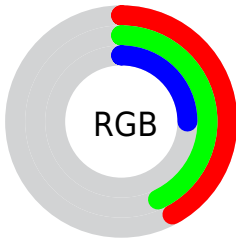
Format	Color
RYB	63, 109, 64
Decimal	7105855
CIELab	44.92, -7.98, 25.54
CIElCh	45, 26.757, 107.342
Yxy	14.4843, 0.3705, 0.4276
Android (android.graphics.Color)	4285295935 (0xFF6C6D3F)
YUV	103.4570, -19.9453, 3.9842
Hunter-Lab	38.0582, -7.7392, 15.9897

Details

The XYZ color **12.5502, 14.4843, 6.8369** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.6527, 5.7495, 15.2280**, and the grayscale version is **13.0623, 13.7426, 14.9657**.

A 20% lighter version of the original color is **29.9926, 33.7850, 20.2696**, and **3.6354, 4.4187, 1.2336** is the 20% darker color. If you saturate the color by 10%, you get **12.2466, 14.3600, 5.3870**, and if you desaturate by 10%, it is **12.9150, 14.6341, 8.6052**.

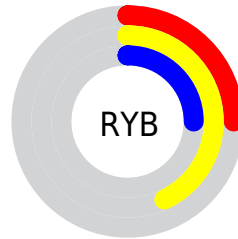
Distribution



Red (42%)

Green (43%)

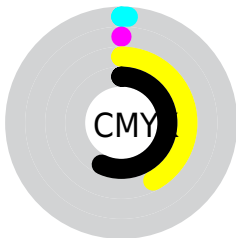
Blue (25%)



Red (25%)

Yellow (43%)

Blue (25%)

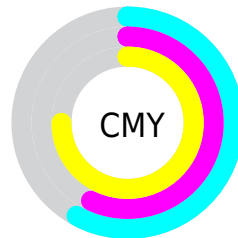


Cyan (1%)

Magenta (0%)

Yellow (42%)

Black (57%)



Cyan (58%)

Magenta (57%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.5502, 14.4843, 6.8369 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 12.5502, 14.4843, 6.8369 by changing the saturation by 10% instead.

12.5502, 14.4843,
6.8369

12.5502, 14.4843,
6.8369

201.7109,
220.2232, 175.8807

7.1944, 8.4583,
3.2834

30.1015, 33.9459,
20.1516

3.6314, 4.3896,
1.2411

43.0278, 48.1503,
30.7499

1.4958, 1.8938,
0.0128

59.2082, 65.8495,
44.5335

0.3230, 0.5446,
0.0000

79.0082, 87.4281,
61.9210

0.0000, 0.0000,
0.0000

102.7932,
113.2704, 83.3309

130.9283,

143.7607, 109.1818

163.7791,
179.2835, 139.8922

■ 12.5502, 14.4843,
6.8369

■ 12.5502, 14.4843,
6.8369

■ 12.2466, 14.3600,
5.3870

■ 12.9150, 14.6341,
8.6052

■ 11.9994, 14.2578,
4.2358

■ 13.3431, 14.8087,
10.7082

■ 11.8052, 14.1768,
3.3627

■ 13.8380, 15.0100,
13.1624

■ 11.6593, 14.1152,
2.7442

■ 14.4025, 15.2392,
15.9829

■ 11.5564, 14.0707,
2.3509

■ 15.0393, 15.4973,
19.1836

■ 11.4876, 14.0406,
2.1047

■ 15.7510, 15.7853,
22.7781

■ 16.5400, 16.1043,
26.7792

■ 17.4085, 16.4551,
31.1988

■ 18.3588, 16.8387,
36.0489

Harmonies

Analogous

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



14.7099, 14.4843, 6.6919



12.5502, 14.4843, 6.8369



10.8981, 14.4843, 8.9324

Triad

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



12.5502, 14.4843, 6.8369



11.1075, 14.4843, 26.3988



18.2948, 14.4843, 18.5623

Complementary

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



12.5502, 14.4843, 6.8369



6.6527, 5.7495, 15.2280

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.



17.0995, 14.4843, 25.4292



12.5502, 14.4843, 6.8369



12.8651, 14.4843, 30.6958

Square

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



12.5502, 14.4843, 6.8369



10.1278, 14.4843, 19.6432



15.0598, 14.4843, 30.3002



18.1875, 14.4843, 12.4443

Rectangle

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



12.5502, 14.4843, 6.8369



10.2370, 14.4843, 11.5685



15.0598, 14.4843, 30.3002



18.0272, 14.4843, 20.8847

Sweetspot

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



12.5506, 14.4850, 6.8372



24.6688, 26.8320, 23.0260



9.0246, 7.2510, 5.6267



5.7034, 6.2288, 5.1733



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.5506, 14.4850, 6.8372



21.9177, 25.7081, 9.5967



10.1339, 13.2391, 6.7241



3.3269, 3.5803, 3.3332



13.4328, 16.4200, 2.4614



68.3453, 83.6154, 12.5372

Inverse Universe

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



6.6527, 5.7495, 15.2280



9.7710, 7.7148, 26.8813



8.4470, 6.6745, 15.3119



2.9540, 3.0280, 3.8636



3.2606, 1.3079, 17.0029



16.5177, 6.6148, 86.6324

Previews

White Background



This preview shows how the XYZ color 12.5502, 14.4843, 6.8369 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 12.5502, 14.4843, 6.8369 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

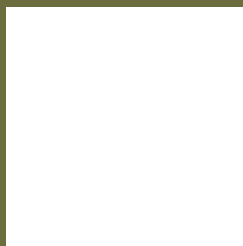
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.5502, 14.4843, 6.8369

Background



This preview shows how black text looks on a background with the XYZ color 12.5502, 14.4843, 6.8369.



This preview shows how white text looks on a background with the XYZ color 12.5502, 14.4843,

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

12.5502, 14.4843, 6.8369

Protanopia

13.2260, 14.3689, 6.6338

Deuteranopia

14.6611, 14.3561, 6.9993



Tritanopia

14.5295, 14.3589, 17.0447

Trichromacy



Original Color

12.5502, 14.4843, 6.8369

Protanomaly

12.9372, 14.3739, 6.6500

Deuteranomaly

13.7609, 14.3357, 6.8923

Tritanomaly

13.6275, 14.2908, 12.6298

Monochromacy



Original Color

12.5502, 14.4843, 6.8369

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.6387, 13.8110, 11.2322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.5502, 14.4843, 6.8369 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(108, 109, 63)` looks like.

```
.text, #text, p{  
    color:rgb(108, 109, 63)  
}
```

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(108, 109, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 109, 63) }
```

Border

The CSS property to change the border of an element to XYZ 12.5502, 14.4843, 6.8369 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(108, 109, 63) }
```


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

```
.border{ border-color:rgb(108, 109, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 109, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 109, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 109, 63);  
box-shadow:4px 4px 4px 4px rgb(108, 109,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 12.5502, 14.4843, 6.8369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 109, 63) }
```

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

```
.background{ background-color: rgb(108,  
109, 63) }
```

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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