

Converting Colors

XYZ(10.1499, 12.8946, 8.4325)

Have a look what the booklet for
XYZ(10.1499, 12.8946, 8.4325)
contains.

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Color

**XYZ(10.1499, 12.8946,
8.4325)**

Conversions

Conversions Part 1

Format	Color
Hex	546B4A
RGB	84, 107, 74
RGB Percent	33%, 42%, 29%
CMY	0.6706, 0.5804, 0.7098
CMYK	0.21, 0.00, 0.31, 0.58
HSL	102°, 18%, 35%
HSV	102°, 31%, 42%
XYZ	10.1499, 12.8946, 8.4325
YIQ	96.3610, -3.1150, -15.1390

Conversions

Conversions Part 2

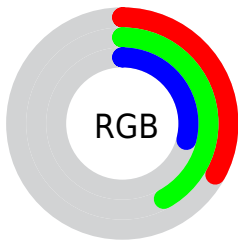
Format	Color
RYB	74, 107, 97
Decimal	5532490
CIELab	42.60, -15.39, 15.79
CIELCh	43, 22.048, 134.258
Yxy	12.8946, 0.3225, 0.4097
Android (android.graphics.Color)	4283722570 (0xFF546B4A)
YUV	96.3610, -11.0240, -10.8406
Hunter-Lab	35.9091, -12.3868, 11.2133

Details

The XYZ color **10.1499, 12.8946, 8.4325** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.0328, 8.5008, 15.0226**, and the grayscale version is **11.2328, 11.8178, 12.8696**.

A 20% lighter version of the original color is **25.6335, 30.9521, 23.3622**, and **2.6495, 3.7375, 1.8101** is the 20% darker color. If you saturate the color by 10%, you get **9.1874, 12.4370, 6.6632**, and if you desaturate by 10%, it is **11.2455, 13.4145, 10.5288**.

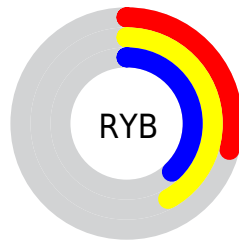
Distribution



Red (33%)

Green (42%)

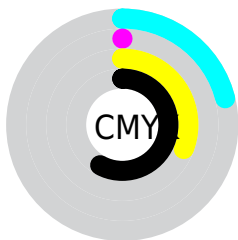
Blue (29%)



Red (29%)

Yellow (42%)

Blue (38%)

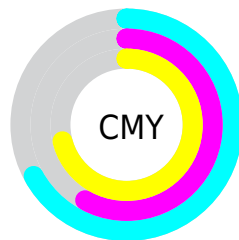


Cyan (21%)

Magenta (0%)

Yellow (31%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1499, 12.8946, 8.4325 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 10.1499, 12.8946, 8.4325 by changing the saturation by 10% instead.

■ 10.1499, 12.8946,
8.4325

■ 10.1499, 12.8946,
8.4325

185.7700,
210.2411, 189.1455

■ 5.5615, 7.3560,
4.2812

■ 25.7242, 31.1143,
23.3621

■ 2.6184, 3.6857,
1.7808

■ 37.4408, 44.5642,
34.9774

■ 0.9554, 1.4994,
0.4153

■ 52.2641, 61.4200,
49.9179

■ 0.0000, 0.2883,
0.0000

■ 70.5596, 82.0660,
68.6020

■ 0.0000, 0.0000,
0.0000

■ 92.6926, 106.8868,
91.4482

119.0284,

136.2666, 118.8752

149.9324,
170.5899, 151.3015

■ 10.1499, 12.8946,
8.4325

■ 10.1499, 12.8946,
8.4325

■ 9.1874, 12.4370,
6.6632

■ 11.2455, 13.4145,
10.5288

■ 8.3517, 12.0376,
5.2035

■ 12.4783, 13.9974,
12.9665

■ 7.6374, 11.6944,
4.0359

■ 13.8532, 14.6458,
15.7602

■ 7.0383, 11.4048,
3.1406

■ 15.3748, 15.3618,
18.9234

■ 6.5477, 11.1657,
2.4955

■ 17.0474, 16.1473,
22.4689

■ 6.1580, 10.9736,
2.0750

■ 18.8751, 17.0042,
26.4090

■ 5.8668, 10.8298,
1.7811

■ 20.8619, 17.9342,
30.7551

■ 23.0114, 18.9392,
35.5186

■ 25.3275, 20.0206,
40.7102

Harmonies

Analogous

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



11.4824, 12.8946, 6.8832



10.1499, 12.8946, 8.4325



9.4193, 12.8946, 11.6911

Triad

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



10.1499, 12.8946, 8.4325



11.4057, 12.8946, 24.8744



15.6369, 12.8946, 11.8959

Complementary

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



10.1499, 12.8946, 8.4325



10.0328, 8.5008, 15.0226

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.



15.6116, 12.8946, 16.6842



10.1499, 12.8946, 8.4325



13.0634, 12.8946, 24.9647

Square

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



10.1499, 12.8946, 8.4325



10.0981, 12.8946, 21.4807



14.6348, 12.8946, 21.7051



14.7011, 12.8946, 8.5529

Rectangle

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



10.1499, 12.8946, 8.4325



9.3260, 12.8946, 14.7335



14.6348, 12.8946, 21.7051



15.7430, 12.8946, 13.3687

Sweetspot

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



10.1502, 12.8952, 8.4328



22.7167, 25.2395, 23.9682



11.5332, 12.0872, 8.2039



5.4331, 6.0782, 5.6699



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.



10.1502, 12.8952, 8.4328



16.9094, 22.4878, 12.7597



9.5319, 12.5517, 9.5197



3.1423, 3.4851, 3.3245



7.1080, 13.1595, 2.1654



35.4297, 66.6468, 10.9968

Inverse Universe

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



10.0328, 8.5008, 15.0226



16.6596, 13.2635, 26.5898



10.8591, 8.9623, 13.4572



3.1327, 3.1202, 3.8720



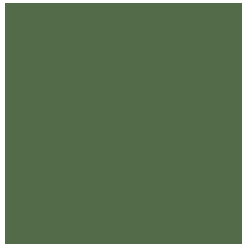
6.6871, 3.0744, 17.1632



33.1633, 15.1959, 87.4114

Previews

White Background



This preview shows how the XYZ color 10.1499, 12.8946, 8.4325 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 10.1499, 12.8946, 8.4325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

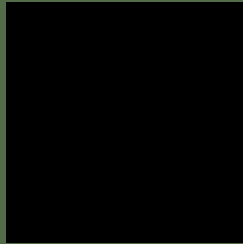
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.1499, 12.8946, 8.4325

Background



This preview shows how black text looks on a background with the XYZ color 10.1499, 12.8946, 8.4325.



This preview shows how white text looks on a background with the XYZ color 10.1499, 12.8946,

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

10.1499, 12.8946, 8.4325

Protanopia

11.8788, 12.7574, 7.7976

Deuteranopia

12.9586, 12.7391, 8.6134



Tritanopia

11.8371, 12.8241, 16.8903

Trichromacy



Original Color

10.1499, 12.8946, 8.4325

Protanomaly

11.1655, 12.8210, 8.0171

Deuteranomaly

11.7710, 12.6865, 8.4850

Tritanomaly

11.1794, 12.8572, 13.4477

Monochromacy



Original Color

10.1499, 12.8946, 8.4325

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.7323, 12.0942, 11.0013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1499, 12.8946, 8.4325 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(84, 107, 74)` looks like.

```
.text, #text, p{  
    color:rgb(84, 107, 74)  
}
```

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(84, 107, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 107, 74) }
```

Border

The CSS property to change the border of an element to XYZ 10.1499, 12.8946, 8.4325 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(84, 107, 74) }
```


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

```
.border{ border-color:rgb(84, 107, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 107, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 107, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 107, 74);  
box-shadow:4px 4px 4px 4px rgb(84, 107,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1499, 12.8946, 8.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 107, 74) }
```

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

```
.background{ background-color: rgb(84, 107,  
74) }
```

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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