

Converting Colors

XYZ(10.9432, 15.8299, 8.9573)

Have a look what the booklet for
XYZ(10.9432, 15.8299, 8.9573)
contains.

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Color

**XYZ(10.9432, 15.8299,
8.9573)**

Conversions

Conversions Part 1

Format	Color
Hex	497A4A
RGB	73, 122, 74
RGB Percent	29%, 48%, 29%
CMY	0.7137, 0.5216, 0.7098
CMYK	0.40, 0.00, 0.39, 0.52
HSL	121°, 25%, 38%
HSV	121°, 40%, 48%
XYZ	10.9432, 15.8299, 8.9573
YIQ	101.8770, -13.7960, -25.3160

Conversions

Conversions Part 2

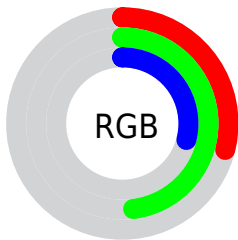
Format	Color
RYB	73, 121, 122
Decimal	4815434
CIELab	46.75, -27.23, 21.21
CIELCh	47, 34.518, 142.092
Yxy	15.8299, 0.3063, 0.4430
Android (android.graphics.Color)	4283005514 (0xFF497A4A)
YUV	101.8770, -13.7434, -25.3251
Hunter-Lab	39.7868, -20.5312, 14.5027

Details

The XYZ color **10.9432, 15.8299, 8.9573** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.8602, 10.2834, 19.3440**, and the grayscale version is **12.6348, 13.2928, 14.4759**.

A 20% lighter version of the original color is **27.2173, 36.3751, 24.3255**, and **2.9577, 5.0360, 1.9785** is the 20% darker color. If you saturate the color by 10%, you get **9.7429, 15.2538, 6.9955**, and if you desaturate by 10%, it is **12.4022, 16.5315, 11.3313**.

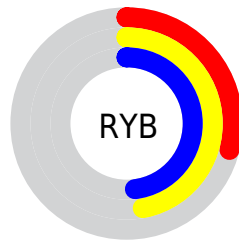
Distribution



Red (29%)

Green (48%)

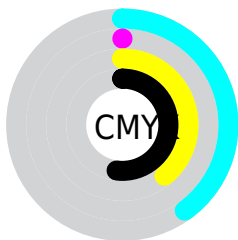
Blue (29%)



Red (29%)

Yellow (47%)

Blue (48%)

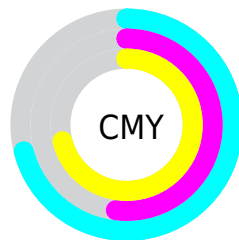


Cyan (40%)

Magenta (0%)

Yellow (39%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9432, 15.8299, 8.9573 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 10.9432, 15.8299, 8.9573 by changing the saturation by 10% instead.

■ 10.9432, 15.8299,
8.9573

■ 10.9432, 15.8299,
8.9573

191.1938,
228.3359, 193.2654

■ 6.0957, 9.4039,
4.6169

■ 27.1890, 36.3027,
24.3913

■ 2.9446, 5.0055,
1.9695

■ 39.3179, 51.1182,
36.3219

■ 1.1245, 2.2505,
0.5364

■ 54.6047, 69.4989,
51.6198

■ 0.0455, 0.7473,
0.0000

■ 73.4147, 91.8294,
70.7033

■ 0.0000, 0.0000,
0.0000

■ 96.1132, 118.4939,
93.9911

123.0657,

149.8769, 121.9017

154.6374,
186.3628, 154.8536

■ 10.9432, 15.8299,
8.9573

■ 10.9432, 15.8299,
8.9573

■ 9.7429, 15.2538,
6.9955

■ 12.4022, 16.5315,
11.3313

■ 8.7851, 14.7939,
5.4214

■ 14.1325, 17.3631,
14.1380

■ 8.0537, 14.4428,
4.2096

■ 16.1473, 18.3317,
17.3977

■ 7.5299, 14.1918,
3.3313

■ 18.4586, 19.4431,
21.1293

■ 7.1924, 14.0302,
2.7533

■ 21.0777, 20.7026,
25.3504

■ 6.9735, 13.9251,
2.3918

■ 24.0154, 22.1154,
30.0780

■ 27.2818, 23.6865,
35.3280

■ 30.8868, 25.4205,
41.1157

■ 34.8395, 27.3220,
47.4558

Harmonies

Analogous

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



12.9817, 15.8299, 6.0237



10.9432, 15.8299, 8.9573



10.0311, 15.8299, 15.0646

Triad

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



10.9432, 15.8299, 8.9573



14.2672, 15.8299, 39.2840



21.0393, 15.8299, 11.7462

Complementary

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



10.9432, 15.8299, 8.9573



13.8602, 10.2834, 19.3440

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.



21.5030, 15.8299, 19.6068



10.9432, 15.8299, 8.9573



17.3179, 15.8299, 37.4861

Square

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



10.9432, 15.8299, 8.9573



11.7770, 15.8299, 33.8038



20.0637, 15.8299, 29.4884



18.8697, 15.8299, 7.2214

Rectangle

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



10.9432, 15.8299, 8.9573



10.0869, 15.8299, 20.9281



20.0637, 15.8299, 29.4884



21.4105, 15.8299, 14.0060

Sweetspot

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



10.9436, 15.8306, 8.9577



27.6107, 31.8670, 29.3198



16.0736, 18.4791, 9.0231



6.2321, 7.2474, 6.5728



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.



10.9436, 15.8306, 8.9577



17.3330, 26.9276, 12.6227



11.9272, 16.2240, 14.1371



3.9539, 4.4512, 4.2910



7.3413, 14.6602, 2.5161



34.9801, 69.9151, 11.7994

Inverse Universe

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



13.8602, 10.2834, 19.3440



23.2010, 15.7648, 33.5173



12.5519, 9.7601, 12.4547



4.1511, 4.0762, 4.9935



11.9877, 5.7712, 19.0239



57.1419, 27.5131, 90.5320

Previews

White Background



This preview shows how the XYZ color 10.9432, 15.8299, 8.9573 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 10.9432, 15.8299, 8.9573 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 10.9432, 15.8299, 8.9573

Background



This preview shows how black text looks on a background with the XYZ color 10.9432, 15.8299, 8.9573.



This preview shows how white text looks on a background with the XYZ color 10.9432, 15.8299,

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

10.9432, 15.8299, 8.9573

Protanopia

14.3958, 15.5746, 7.8777

Deuteranopia

15.8893, 15.6834, 9.3975



Tritanopia

13.5143, 15.8105, 21.7415

Trichromacy



Original Color

10.9432, 15.8299, 8.9573

Protanomaly

12.7482, 15.3731, 8.2566

Deuteranomaly

13.5641, 15.4392, 9.2863

Tritanomaly

12.3044, 15.6597, 16.0098

Monochromacy



Original Color

10.9432, 15.8299, 8.9573

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.7148, 13.9341, 12.1973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9432, 15.8299, 8.9573 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(73, 122, 74)` looks like.

```
.text, #text, p{  
    color:rgb(73, 122, 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(73, 122, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 122, 74) }
```

Border

The CSS property to change the border of an element to XYZ 10.9432, 15.8299, 8.9573 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(73, 122, 74) }
```


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

```
.border{ border-color:rgb(73, 122, 74) }
```

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

Here you see how a box with a 4 pixel rgb(73, 122, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 122, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 122, 74);  
box-shadow:4px 4px 4px 4px rgb(73, 122,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9432, 15.8299, 8.9573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 122, 74) }
```

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

```
.background{ background-color: rgb(73, 122,  
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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