

Converting Colors

XYZ(30.3819, 32.5507, 15.5345)

Have a look what the booklet for
XYZ(30.3819, 32.5507, 15.5345)
contains.

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Color

**XYZ(30.4157, 32.5954,
15.5149)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9A5F
RGB	171, 154, 95
RGB Percent	67%, 60%, 37%
CMY	0.3294, 0.3961, 0.6274
CMYK	0.00, 0.10, 0.44, 0.33
HSL	47°, 31%, 52%
HSV	47°, 44%, 67%
XYZ	30.4157, 32.5954, 15.5149
YIQ	152.3570, 29.0710, -14.7450

Conversions

Conversions Part 2

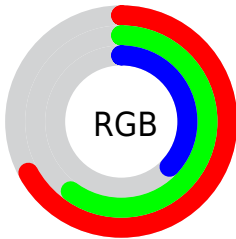
Format	Color
RYB	117, 171, 95
Decimal	11246175
CIELab	63.83, -2.11, 33.18
CIELCh	64, 33.246, 93.631
Yxy	32.5954, 0.3873, 0.4151
Android (android.graphics.Color)	4289436255 (0xFFAB9A5F)
YUV	152.3570, -28.2770, 16.3499
Hunter-Lab	57.0924, -4.8166, 23.8526

Details

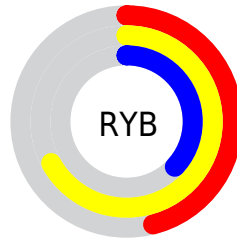
The XYZ color **30.4157, 32.5954, 15.5149** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8639, 16.9607, 40.8600**, and the grayscale version is **30.1097, 31.6778, 34.4971**.

A 20% lighter version of the original color is **59.7391, 63.6811, 36.3372**, and **12.6995, 13.6876, 4.6620** is the 20% darker color. If you saturate the color by 10%, you get **29.1013, 31.0770, 11.6539**, and if you desaturate by 10%, it is **31.9224, 34.2253, 20.2825**.

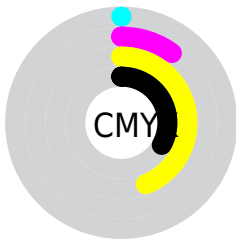
Distribution



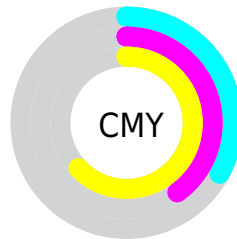
- Red (67%)
- Green (60%)
- Blue (37%)



- Red (46%)
- Yellow (67%)
- Blue (37%)



- Cyan (0%)
- Magenta (10%)
- Yellow (44%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4157, 32.5954, 15.5149 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 30.4157, 32.5954, 15.5149 by changing the saturation by 10% instead.

■ 30.4157, 32.5954,
15.5149

■ 30.4157, 32.5954,
15.5149

295.7125,
313.8226, 238.2091

■ 20.3040, 21.8167,
9.0309

■ 59.7011, 63.7433,
36.5090

■ 12.7257, 13.7223,
4.6643

■ 79.6055, 84.8813,
51.8561

■ 7.3157, 7.9277,
1.9964

■ 103.5048,
110.2412, 70.9948

■ 3.7084, 4.0487,
0.5531

■ 131.7643,
140.2074, 94.3435

■ 1.5385, 1.7009,
0.0000

164.7495,
175.1642, 122.3207

■ 0.3518, 0.4242,
0.0000

202.8257,

■ 0.0000, 0.0000,

215.4961, 155.3450

0.0000

246.3583,
261.5874, 193.8350

■ 30.4157, 32.5954,
15.5149

■ 30.4157, 32.5954,
15.5149

■ 29.1013, 31.0770,
11.6539

■ 31.9224, 34.2253,
20.2825

■ 27.9655, 29.6607,
8.6381

■ 33.6295, 35.9666,
26.0090

■ 26.9960, 28.3425,
6.4014

■ 35.5475, 37.8251,
32.7446

■ 26.1783, 27.1163,
4.8671

■ 37.6853, 39.8045,
40.5360

■ 25.4945, 25.9747,
3.9428

■ 40.0513, 41.9085,
49.4265

■ 25.1493, 25.3674,
3.5709

■ 42.6535, 44.1405,
59.4572

■ 45.4994, 46.5039,
70.6670

■ 48.5963, 49.0019,
83.0930

■ 51.9510, 51.6373,
96.7706

Harmonies

Analogous

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



35.1429, 32.5954, 17.0760



30.4157, 32.5954, 15.5149



26.2690, 32.5954, 18.0958

Triad

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



30.4157, 32.5954, 15.5149



24.0896, 32.5954, 51.7246



39.7429, 32.5954, 48.1823

Complementary

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



30.4157, 32.5954, 15.5149



17.8639, 16.9607, 40.8600

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.



36.2252, 32.5954, 61.4985



30.4157, 32.5954, 15.5149



27.1613, 32.5954, 63.8784

Square

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



30.4157, 32.5954, 15.5149



22.8556, 32.5954, 37.1447



31.5532, 32.5954, 67.8404



40.8345, 32.5954, 33.8869

Rectangle

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



30.4157, 32.5954, 15.5149



24.2983, 32.5954, 22.3209



31.5532, 32.5954, 67.8404



38.7887, 32.5954, 53.0292

Sweetspot

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



30.4165, 32.5969, 15.5156



64.1076, 68.1618, 60.2353



23.8525, 18.0289, 17.7673



14.1213, 15.0348, 12.8059



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.4165, 32.5969, 15.5156



52.2307, 55.7910, 21.1845



29.3415, 36.5057, 16.3267



8.5085, 9.0218, 8.5063



18.9994, 19.2043, 2.7054



0.5656, 0.6083, 0.0876

Inverse Universe

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



17.8639, 16.9607, 40.8600



26.9627, 24.3405, 72.2790



18.5485, 14.7880, 40.4046



7.7188, 8.0369, 10.0972



6.1032, 3.3403, 29.3676



0.2099, 0.1731, 0.8303

Previews

White Background



This preview shows how the XYZ color 30.4157, 32.5954, 15.5149 looks on a white background.

Color Contrast Check

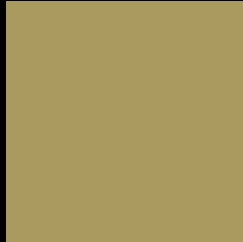
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.4157, 32.5954, 15.5149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

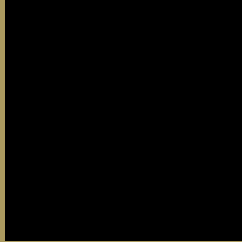
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4157, 32.5954, 15.5149

Background



This preview shows how black text looks on a background with the XYZ color 30.4157, 32.5954, 15.5149.



This preview shows how white text looks on a background with the XYZ color 30.4157, 32.5954,

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

30.4157, 32.5954, 15.5149

Protanopia

30.1491, 32.7039, 15.5499

Deuteranopia

33.1947, 32.5891, 15.6071



Tritanopia

34.5819, 32.3735, 36.7738

Trichromacy



Original Color

30.4157, 32.5954, 15.5149

Protanomaly

30.3645, 32.8150, 15.5600

Deuteranomaly

32.0737, 32.4810, 15.6453

Tritanomaly

32.7998, 32.3581, 27.4387

Monochromacy



Original Color

30.4157, 32.5954, 15.5149

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.7860, 31.7921, 26.0393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4157, 32.5954, 15.5149 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(171, 154, 95)` looks like.

```
.text, #text, p{  
    color:rgb(171, 154, 95)  
}
```

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(171, 154, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 154, 95) }
```

Border

The CSS property to change the border of an element to XYZ 30.4157, 32.5954, 15.5149 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(171, 154, 95) }
```


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

```
.border{ border-color:rgb(171, 154, 95) }
```

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

Here you see how a box with a 4 pixel rgb(171, 154, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 154, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 154, 95);  
box-shadow:4px 4px 4px 4px rgb(171, 154,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4157, 32.5954, 15.5149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 154, 95) }
```

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

```
.background{ background-color: rgb(171,  
154, 95) }
```

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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