

Converting Colors

XYZ(28.7425, 30.5349, 15.3175)

Have a look what the booklet for
XYZ(28.7425, 30.5349, 15.3175)
contains.

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Color

**XYZ(28.7494, 30.5366,
15.2054)**

Conversions

Conversions Part 1

Format	Color
Hex	A7955F
RGB	167, 149, 95
RGB Percent	65%, 58%, 37%
CMY	0.3451, 0.4157, 0.6274
CMYK	0.00, 0.11, 0.43, 0.35
HSL	45°, 29%, 51%
HSV	45°, 43%, 65%
XYZ	28.7494, 30.5366, 15.2054
YIQ	148.2260, 28.0620, -12.9780

Conversions

Conversions Part 2

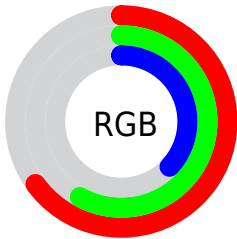
Format	Color
RYB	119, 167, 95
Decimal	10982751
CIELab	62.11, -1.07, 30.92
CIELCh	62, 30.935, 91.974
Yxy	30.5366, 0.3859, 0.4099
Android (android.graphics.Color)	4289172831 (0xFFA7955F)
YUV	148.2260, -26.2404, 16.4648
Hunter-Lab	55.2599, -3.8389, 22.3676

Details

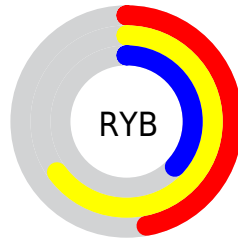
The XYZ color **28.7494, 30.5366, 15.2054** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.5994, 17.0327, 38.9194**, and the grayscale version is **28.3413, 29.8172, 32.4710**.

A 20% lighter version of the original color is **56.9757, 60.4752, 35.8641**, and **11.6908, 12.4513, 4.4765** is the 20% darker color. If you saturate the color by 10%, you get **27.4218, 28.9688, 11.4108**, and if you desaturate by 10%, it is **30.2649, 32.2197, 19.8662**.

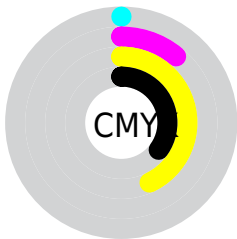
Distribution



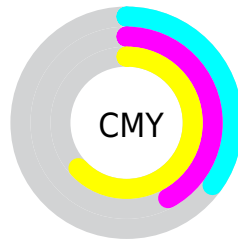
- Red (65%)
- Green (58%)
- Blue (37%)



- Red (47%)
- Yellow (65%)
- Blue (37%)



- Cyan (0%)
- Magenta (11%)
- Yellow (43%)
- Black (35%)



- Cyan (35%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7494, 30.5366, 15.2054 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 28.7494, 30.5366, 15.2054 by changing the saturation by 10% instead.

■ 28.7494, 30.5366,
15.2054

■ 28.7494, 30.5366,
15.2054

288.0463,
304.3977, 236.2896

■ 19.0347, 20.2462,
8.8154

■ 57.0790, 60.5098,
35.9605

■ 11.7995, 12.5742,
4.5258

■ 76.4246, 80.9613,
51.1627

■ 6.6785, 7.1360,
1.9180

■ 99.7112, 105.5688,
70.1394

■ 3.3064, 3.5473,
0.5042

■ 127.3041,
134.7165, 93.3092

■ 1.3178, 1.4237,
0.0000

159.5687,
168.7888, 121.0906

■ 0.1965, 0.2341,
0.0000

196.8704,

■ 0.0000, 0.0000,

208.1702, 153.9021

0.0000

239.5744,
253.2451, 192.1622

■ 28.7494, 30.5366,
15.2054

■ 28.7494, 30.5366,
15.2054

■ 27.4218, 28.9688,
11.4108

■ 30.2649, 32.2197,
19.8662

■ 26.2692, 27.5074,
8.4253

■ 31.9759, 34.0180,
25.4418

■ 25.2803, 26.1486,
6.1875

■ 33.8922, 35.9372,
31.9795

■ 24.4415, 24.8864,
4.6267

■ 36.0223, 37.9809,
39.5226

■ 23.7364, 23.7141,
3.6583

■ 38.3741, 40.1527,
48.1119

■ 23.3028, 22.9484,
3.2013

■ 40.9551, 42.4559,
57.7857

■ 43.7725, 44.8937,
68.5808

■ 46.8332, 47.4693,
80.5318

■ 50.1435, 50.1857,
93.6720

Harmonies

Analogous

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



32.9477, 30.5366, 16.8479



28.7494, 30.5366, 15.2054



24.9906, 30.5366, 17.3546

Triad

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



28.7494, 30.5366, 15.2054



22.7530, 30.5366, 46.9172



36.6743, 30.5366, 45.2183

Complementary

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



28.7494, 30.5366, 15.2054



17.5994, 17.0327, 38.9194

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.



33.4699, 30.5366, 56.7177



28.7494, 30.5366, 15.2054



25.4251, 30.5366, 57.8520

Square

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



28.7494, 30.5366, 15.2054



21.7405, 30.5366, 34.0447



29.3006, 30.5366, 61.8058



37.7761, 30.5366, 32.4661

Rectangle

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



28.7494, 30.5366, 15.2054



23.1673, 30.5366, 21.0381



29.3006, 30.5366, 61.8058



35.7931, 30.5366, 49.4544

Sweetspot

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



28.7502, 30.5380, 15.2060



60.6543, 64.3177, 57.1189



23.0095, 17.5925, 17.8062



13.4019, 14.2244, 12.1887



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.7502, 30.5380, 15.2060



49.1488, 51.9278, 20.5400



28.2789, 34.8534, 16.0638



7.9857, 8.4515, 7.9997



17.8718, 17.6408, 2.4631



0.4718, 0.5032, 0.0723

Inverse Universe

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



17.5994, 17.0327, 38.9194



26.4854, 24.5022, 68.8087



17.8777, 14.4856, 38.4130



7.2785, 7.5939, 9.5005



5.9979, 3.4561, 28.3265



0.1852, 0.1626, 0.7023

Previews

White Background



This preview shows how the XYZ color 28.7494, 30.5366, 15.2054 looks on a white background.

Color Contrast Check

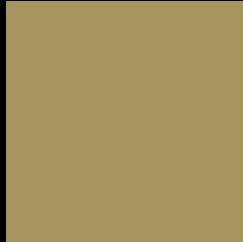
Large Text (above 18pt) WCAG AA × Fail

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 28.7494, 30.5366, 15.2054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

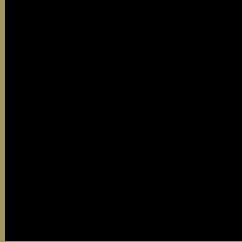
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.7494, 30.5366, 15.2054

Background



This preview shows how black text looks on a background with the XYZ color 28.7494, 30.5366, 15.2054.



This preview shows how white text looks on a background with the XYZ color 28.7494, 30.5366,

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

28.7494, 30.5366, 15.2054

Protanopia

28.2817, 30.5314, 15.2290

Deuteranopia

31.1406, 30.6148, 15.3343



Tritanopia

32.6564, 30.5301, 34.3087

Trichromacy



Original Color

28.7494, 30.5366, 15.2054

Protanomaly

28.4890, 30.6382, 15.2387

Deuteranomaly

30.2947, 30.6324, 15.3823

Tritanomaly

31.0848, 30.5747, 26.0929

Monochromacy



Original Color

28.7494, 30.5366, 15.2054

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0699, 29.7334, 25.0285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7494, 30.5366, 15.2054 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(167, 149, 95)` looks like.

```
.text, #text, p{  
    color:rgb(167, 149, 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(167, 149, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 149, 95) }
```

Border

The CSS property to change the border of an element to XYZ 28.7494, 30.5366, 15.2054 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(167, 149, 95) }
```


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

```
.border{ border-color:rgb(167, 149, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 149, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 149, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 149, 95);  
box-shadow:4px 4px 4px 4px rgb(167, 149,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7494, 30.5366, 15.2054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 149, 95) }
```

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

```
.background{ background-color: rgb(167,  
149, 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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