

Converting Colors

XYZ(15.4855, 17.0082, 8.9752)

Have a look what the booklet for
XYZ(15.4855, 17.0082, 8.9752)
contains.

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Color

**XYZ(15.3928, 16.8935,
8.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	7A734A
RGB	122, 115, 74
RGB Percent	48%, 45%, 29%
CMY	0.5216, 0.5490, 0.7098
CMYK	0.00, 0.06, 0.39, 0.52
HSL	51°, 24%, 38%
HSV	51°, 39%, 48%
XYZ	15.3928, 16.8935, 8.9280
YIQ	112.4190, 17.3330, -11.2670

Conversions

Conversions Part 2

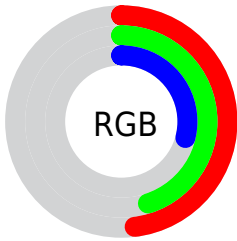
Format	Color
RYB	82, 122, 74
Decimal	8024906
CIELab	48.13, -3.86, 23.67
CIELCh	48, 23.986, 99.269
Yxy	16.8935, 0.3735, 0.4099
Android (android.graphics.Color)	4286214986 (0xFF7A734A)
YUV	112.4190, -18.9406, 8.4025
Hunter-Lab	41.1017, -5.0788, 15.8924

Details

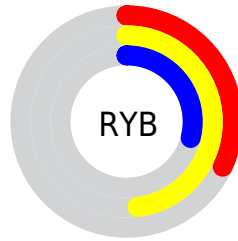
The XYZ color **15.3928, 16.8935, 8.9280** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.2792, 8.7455, 19.6113**, and the grayscale version is **15.5751, 16.3863, 17.8446**.

A 20% lighter version of the original color is **35.0731, 38.1815, 24.2601**, and **4.9014, 5.4807, 1.9620** is the 20% darker color. If you saturate the color by 10%, you get **14.8204, 16.3438, 6.9024**, and if you desaturate by 10%, it is **16.0497, 17.4845, 11.3755**.

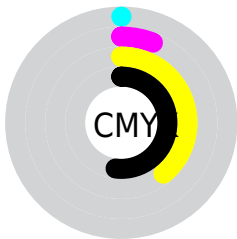
Distribution



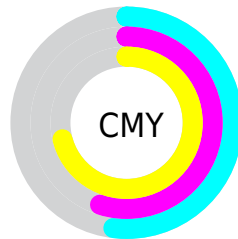
- Red (48%)
- Green (45%)
- Blue (29%)



- Red (32%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (6%)
- Yellow (39%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3928, 16.8935, 8.9280 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 15.3928, 16.8935, 8.9280 by changing the saturation by 10% instead.

■ 15.3928, 16.8935,
8.9280

■ 15.3928, 16.8935,
8.9280

219.0731,
234.5579, 193.0381

■ 9.1836, 10.1586,
4.5981

■ 35.1068, 38.1426,
24.3341

■ 4.9192, 5.5042,
1.9589

■ 49.3424, 53.4255,
36.2474

■ 2.2342, 2.5460,
0.5298

■ 66.9842, 72.3266,
51.5255

■ 0.7607, 0.8996,
0.0000

■ 88.3975, 95.2302,
70.5871

■ 0.0000, 0.0000,
0.0000

■ 113.9477,
122.5208, 93.8506

144.0001,

154.5826, 121.7346

178.9201,
191.8002, 154.6576

■ 15.3928, 16.8935,
8.9280

■ 15.3928, 16.8935,
8.9280

■ 14.8204, 16.3438,
6.9024

■ 16.0497, 17.4845,
11.3755

■ 14.3265, 15.8311,
5.2733

■ 16.7942, 18.1162,
14.2664

■ 13.9065, 15.3542,
4.0142

■ 17.6306, 18.7910,
17.6218

■ 13.5547, 14.9107,
3.0948

■ 18.5626, 19.5104,
21.4611

■ 13.2643, 14.4979,
2.4801

■ 19.5937, 20.2758,
25.8029

■ 13.0144, 14.1073,
2.0601

■ 20.7274, 21.0887,
30.6646

■ 12.9982, 14.0820,
2.0330

■ 21.9667, 21.9503,
36.0626

■ 23.3146, 22.8619,
42.0130

■ 24.7742, 23.8246,
48.5309

Harmonies

Analogous

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



17.5824, 16.8935, 9.3156



15.3928, 16.8935, 8.9280



13.5535, 16.8935, 10.5954

Triad

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



15.3928, 16.8935, 8.9280



13.0331, 16.8935, 27.0601



20.2922, 16.8935, 22.9656

Complementary

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



15.3928, 16.8935, 8.9280



9.2792, 8.7455, 19.6113

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.



18.8507, 16.8935, 29.3063



15.3928, 16.8935, 8.9280



14.6221, 16.8935, 32.0163

Square

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



15.3928, 16.8935, 8.9280



12.2744, 16.8935, 20.3907



16.7396, 16.8935, 32.9201



20.5458, 16.8935, 16.5324

Rectangle

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



15.3928, 16.8935, 8.9280



12.7249, 16.8935, 12.9297



16.7396, 16.8935, 32.9201



19.9247, 16.8935, 25.2150

Sweetspot

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



15.3932, 16.8943, 8.9284



30.5669, 32.7013, 29.1761



11.9676, 9.6324, 9.0526



6.9560, 7.4507, 6.5376



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.



15.3932, 16.8943, 8.9284



26.1880, 28.8673, 12.5368



14.0448, 17.4288, 9.1026



4.2604, 4.5391, 4.2761



13.6805, 14.8169, 2.1389



64.7752, 69.7139, 10.0421

Inverse Universe

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



9.2792, 8.7455, 19.6113



13.8762, 12.4642, 34.0674



10.2564, 8.5169, 19.5156



3.8405, 3.9792, 5.0088



3.9182, 1.9189, 19.5492



18.2974, 8.3674, 93.1205

Previews

White Background



This preview shows how the XYZ color 15.3928, 16.8935, 8.9280 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 15.3928, 16.8935, 8.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

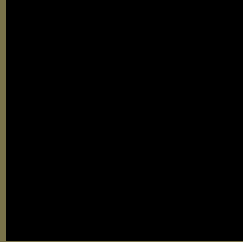
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3928, 16.8935, 8.9280

Background



This preview shows how black text looks on a background with the XYZ color 15.3928, 16.8935, 8.9280.



This preview shows how white text looks on a background with the XYZ color 15.3928, 16.8935,

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

15.3928, 16.8935, 8.9280

Protanopia

15.5655, 16.8141, 8.9036

Deuteranopia

17.0552, 16.7636, 8.9934



Tritanopia

17.5983, 16.9719, 19.4879

Trichromacy



Original Color

15.3928, 16.8935, 8.9280

Protanomaly

15.4217, 16.7400, 8.8969

Deuteranomaly

16.4702, 16.7824, 9.0279

Tritanomaly

16.6499, 16.9076, 14.9563

Monochromacy



Original Color

15.3928, 16.8935, 8.9280

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3122, 16.4051, 13.9147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3928, 16.8935, 8.9280 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(122, 115, 74)` looks like.

```
.text, #text, p{  
    color:rgb(122, 115, 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(122, 115, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 115, 74) }
```

Border

The CSS property to change the border of an element to XYZ 15.3928, 16.8935, 8.9280 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(122, 115, 74) }
```


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

```
.border{ border-color:rgb(122, 115, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 115, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 115, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 115, 74);  
box-shadow:4px 4px 4px 4px rgb(122, 115,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3928, 16.8935, 8.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 115, 74) }
```

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

```
.background{ background-color: rgb(122,  
115, 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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