

Converting Colors

XYZ(15.4849, 14.6401, 8.7712)

Have a look what the booklet for
XYZ(15.4849, 14.6401, 8.7712)
contains.

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Color

**XYZ(15.5345, 14.6227,
8.8412)**

Conversions

Conversions Part 1

Format	Color
Hex	85644C
RGB	133, 100, 76
RGB Percent	52%, 39%, 30%
CMY	0.4784, 0.6078, 0.7020
CMYK	0.00, 0.25, 0.43, 0.48
HSL	25°, 27%, 41%
HSV	25°, 43%, 52%
XYZ	15.5345, 14.6227, 8.8412
YIQ	107.1310, 27.3720, -0.4680

Conversions

Conversions Part 2

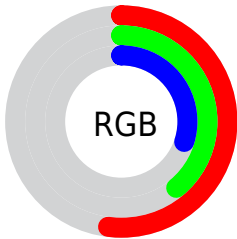
Format	Color
R_{YB}	133, 117, 76
Decimal	8741964
CIE _{Lab}	45.11, 9.96, 18.76
CIE _{LCh}	45, 21.239, 62.049
Yxy	14.6227, 0.3983, 0.3750
Android (android.graphics.Color)	4286932044 (0xFF85644C)
YUV	107.1310, -15.3476, 22.6871
Hunter-Lab	38.2396, 5.5946, 13.0596

Details

The XYZ color **15.5345, 14.6227, 8.8412** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.6825, 14.1666, 24.2561**, and the grayscale version is **14.0477, 14.7793, 16.0947**.

A 20% lighter version of the original color is **35.2618, 34.1787, 24.1407**, and **5.0001, 4.4390, 1.8896** is the 20% darker color. If you saturate the color by 10%, you get **14.4152, 13.0492, 6.4179**, and if you desaturate by 10%, it is **16.8199, 16.3754, 11.7919**.

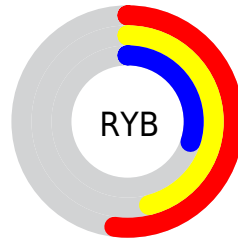
Distribution



Red (52%)

Green (39%)

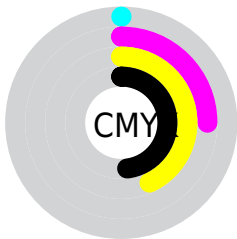
Blue (30%)



Red (52%)

Yellow (46%)

Blue (30%)

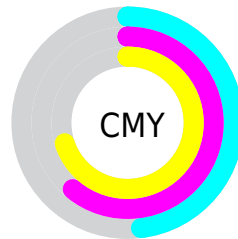


Cyan (0%)

Magenta (25%)

Yellow (43%)

Black (48%)



Cyan (48%)

Magenta (61%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5345, 14.6227, 8.8412 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 15.5345, 14.6227, 8.8412 by changing the saturation by 10% instead.

■ 15.5345, 14.6227,
8.8412

■ 15.5345, 14.6227,
8.8412

219.9038,
221.0710, 192.3630

■ 9.2841, 8.5550,
4.5424

■ 35.3522, 34.1899,
24.1646

■ 4.9855, 4.4521,
1.9273

■ 49.6502, 48.4582,
36.0262

■ 2.2735, 1.9295,
0.5101

■ 67.3614, 66.2289,
51.2459

■ 0.7810, 0.5660,
0.0000

■ 88.8513, 87.8863,
70.2420

■ 0.0000, 0.0000,
0.0000

■ 114.4851,
113.8148, 93.4333

144.6282,

144.3988, 121.2382

179.6460,
180.0228, 154.0753

■ 15.5345, 14.6227,
8.8412

■ 15.5345, 14.6227,
8.8412

■ 14.4152, 13.0492,
6.4179

■ 16.8199, 16.3754,
11.7919

■ 13.4532, 11.6467,
4.4893

■ 18.2777, 18.3112,
15.2983

■ 12.6401, 10.4092,
3.0201

■ 19.9149, 20.4362,
19.3877

■ 11.9663, 9.3293,
1.9703

■ 21.7381, 22.7559,
24.0856

■ 11.4208, 8.3993,
1.2921

■ 23.7533, 25.2753,
29.4154

■ 11.0873, 7.8156,
0.9242

■ 25.9662, 27.9992,
35.3999

■ 28.3825, 30.9324,
42.0603

■ 31.0072, 34.0795,
49.4171

■ 33.8457, 37.4447,
57.4898

Harmonies

Analogous

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



16.9471, 14.6227, 11.3396



15.5345, 14.6227, 8.8412



13.7786, 14.6227, 8.1078

Triad

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



15.5345, 14.6227, 8.8412



10.8022, 14.6227, 16.2683



15.7598, 14.6227, 25.5560

Complementary

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



15.5345, 14.6227, 8.8412



12.6825, 14.1666, 24.2561

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.



14.0190, 14.6227, 27.6120



15.5345, 14.6227, 8.8412



11.2393, 14.6227, 21.5966

Square

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



15.5345, 14.6227, 8.8412



11.1353, 14.6227, 11.8217



12.3815, 14.6227, 26.0308



17.0846, 14.6227, 20.8743

Rectangle

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



15.5345, 14.6227, 8.8412



12.6742, 14.6227, 8.5611



12.3815, 14.6227, 26.0308



15.1990, 14.6227, 26.6166

Sweetspot

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



15.5349, 14.6234, 8.8415



35.5283, 36.4231, 34.3755



15.0311, 11.2651, 15.9208



7.8716, 8.0350, 7.4095



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.5349, 14.6234, 8.8415



25.9455, 23.5551, 11.7664



18.7291, 21.0119, 9.9062



4.8218, 4.9872, 4.9379



10.5687, 7.4600, 0.8829



0.0436, 0.0398, 0.0054

Inverse Universe

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



12.6825, 14.1666, 24.2561



20.1514, 22.6156, 43.0415



10.1381, 9.0779, 23.4080



4.6416, 4.9589, 5.9133



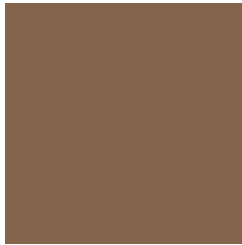
6.5680, 6.6839, 22.0806



0.0300, 0.0376, 0.0789

Previews

White Background



This preview shows how the XYZ color 15.5345, 14.6227, 8.8412 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 15.5345, 14.6227, 8.8412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

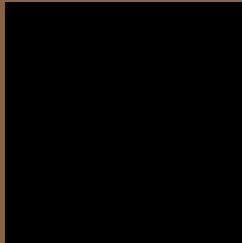
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5345, 14.6227, 8.8412

Background



This preview shows how black text looks on a background with the XYZ color 15.5345, 14.6227, 8.8412.



This preview shows how white text looks on a background with the XYZ color 15.5345, 14.6227,

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

15.5345, 14.6227, 8.8412

Protanopia

13.7392, 14.7247, 9.5152

Deuteranopia

14.8083, 14.5366, 8.8628



Tritanopia

16.8349, 14.5995, 15.0274

Trichromacy



Original Color

15.5345, 14.6227, 8.8412

Protanomaly

14.3515, 14.5883, 9.2671

Deuteranomaly

15.0114, 14.4963, 8.8444

Tritanomaly

16.2867, 14.5084, 12.5317

Monochromacy



Original Color

15.5345, 14.6227, 8.8412

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2641, 14.4582, 13.1052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5345, 14.6227, 8.8412 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(133, 100, 76)` looks like.

```
.text, #text, p{  
    color:rgb(133, 100, 76)  
}
```

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(133, 100, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 100, 76) }
```

Border

The CSS property to change the border of an element to XYZ 15.5345, 14.6227, 8.8412 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(133, 100, 76) }
```


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

```
.border{ border-color:rgb(133, 100, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 100, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 100, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 100, 76);  
box-shadow:4px 4px 4px 4px rgb(133, 100,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5345, 14.6227, 8.8412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 100, 76) }
```

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

```
.background{ background-color: rgb(133,  
100, 76) }
```

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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