

Converting Colors

XYZ(15.5085, 12.5253, 9.5829)

Have a look what the booklet for
XYZ(15.5085, 12.5253, 9.5829)
contains.

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Color

**XYZ(15.5085, 12.5253,
9.5829)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5452
RGB	140, 84, 82
RGB Percent	55%, 33%, 32%
CMY	0.4510, 0.6706, 0.6784
CMYK	0.00, 0.40, 0.41, 0.45
HSL	2°, 26%, 44%
HSV	2°, 41%, 55%
XYZ	15.5085, 12.5253, 9.5829
YIQ	100.5160, 34.0180, 11.2500

Conversions

Conversions Part 2

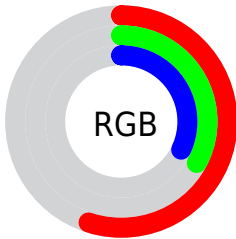
Format	Color
RYB	140, 84, 82
Decimal	9196626
CIELab	42.04, 23.05, 11.10
CIELCh	42, 25.587, 25.721
Yxy	12.5253, 0.4123, 0.3330
Android (android.graphics.Color)	4287386706 (0xFF8C5452)
YUV	100.5160, -9.1284, 34.6275
Hunter-Lab	35.3911, 16.2849, 8.7197

Details

The XYZ color **15.5085, 12.5253, 9.5829** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.3013, 21.8632, 28.1190**, and the grayscale version is **12.2620, 12.9006, 14.0487**.

A 20% lighter version of the original color is **35.1275, 30.2910, 25.4681**, and **4.9260, 3.4829, 2.1629** is the 20% darker color. If you saturate the color by 10%, you get **14.0794, 10.4344, 6.7409**, and if you desaturate by 10%, it is **17.2495, 15.0659, 13.0654**.

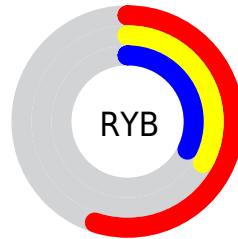
Distribution



Red (55%)

Green (33%)

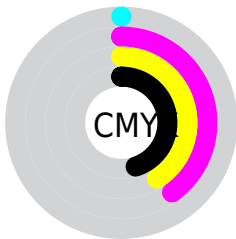
Blue (32%)



Red (55%)

Yellow (33%)

Blue (32%)

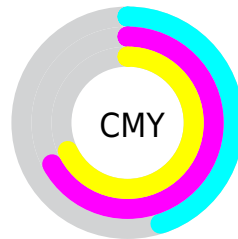


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (45%)



Cyan (45%)

Magenta (67%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5085, 12.5253, 9.5829 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 15.5085, 12.5253, 9.5829 by changing the saturation by 10% instead.

15.5085, 12.5253,
9.5829

15.5085, 12.5253,
9.5829

219.7516,
207.8526, 198.0441

9.2657, 7.1025,
5.0213

35.3072, 30.4483,
25.6034

4.9734, 3.5263,
2.2008

49.5937, 43.7173,
37.8994

2.2662, 1.4123,
0.6748

67.2923, 60.3704,
53.6106

0.7773, 0.2257,
0.0000

88.7681, 80.7921,
73.1556

0.0000, 0.0000,
0.0000

114.3866,
105.3668, 96.9529

144.5131,

134.4788, 125.4211

179.5130,
168.5126, 158.9786

■ 15.5085, 12.5253,
9.5829

■ 15.5085, 12.5253,
9.5829

■ 14.0794, 10.4344,
6.7409

■ 17.2495, 15.0659,
13.0654

■ 12.9427, 8.7652,
4.4998

■ 19.3181, 18.0782,
17.2233

■ 12.0787, 7.4897,
2.8166

■ 21.7305, 21.5851,
22.0900

■ 11.4643, 6.5754,
1.6423

■ 24.5011, 25.6074,
27.6964

■ 11.0731, 5.9852,
0.9195

■ 27.6439, 30.1648,
34.0714

■ 10.8676, 5.6804,
0.5236

■ 31.1718, 35.2759,
41.2427

■ 35.0972, 40.9583,
49.2362

■ 39.4322, 47.2292,
58.0771

■ 44.1879, 54.1046,
67.7891

Harmonies

Analogous

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



15.9319, 12.5253, 14.4336



15.5085, 12.5253, 9.5829



14.0832, 12.5253, 6.6912

Triad

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



15.5085, 12.5253, 9.5829



9.1344, 12.5253, 8.5534



11.6344, 12.5253, 26.9568

Complementary

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



15.5085, 12.5253, 9.5829



17.3013, 21.8632, 28.1190

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.



9.9637, 12.5253, 24.2376



15.5085, 12.5253, 9.5829



8.6211, 12.5253, 12.8721

Square

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



15.5085, 12.5253, 9.5829



10.3889, 12.5253, 6.2173



8.9079, 12.5253, 18.7006



13.5616, 12.5253, 25.4011

Rectangle

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



15.5085, 12.5253, 9.5829



12.8288, 12.5253, 5.8042



8.9079, 12.5253, 18.7006



11.0265, 12.5253, 26.4963

Sweetspot

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



15.5088, 12.5259, 9.5831



37.9377, 37.5117, 38.1894



18.4248, 13.4470, 25.6944



8.6274, 8.4775, 8.5688



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.5088, 12.5259, 9.5831



24.9075, 18.5206, 12.0525



18.2359, 17.9800, 10.4922



5.0458, 5.0745, 5.2659



9.6595, 5.0535, 0.4663



0.0658, 0.0367, 0.0036

Inverse Universe

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



17.3013, 21.8632, 28.1190



28.5184, 37.3485, 49.4489



13.6891, 14.6389, 26.9149



5.1583, 5.6595, 6.4264



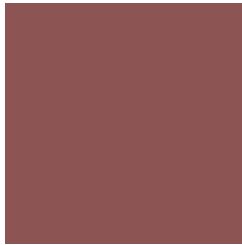
11.9278, 17.1259, 24.7227



0.0814, 0.1181, 0.1650

Previews

White Background



This preview shows how the XYZ color 15.5085, 12.5253, 9.5829 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 15.5085, 12.5253, 9.5829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

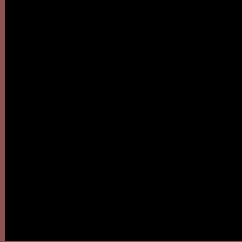
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5085, 12.5253, 9.5829

Background



This preview shows how black text looks on a background with the XYZ color 15.5085, 12.5253, 9.5829.

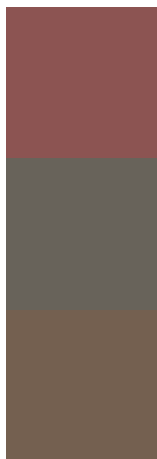


This preview shows how white text looks on a background with the XYZ color 15.5085, 12.5253,

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

15.5085, 12.5253, 9.5829

Protanopia

12.0162, 12.6049, 11.4725

Deuteranopia

12.8333, 12.6579, 9.3563



Tritanopia

15.8809, 12.5705, 11.0405

Trichromacy



Original Color

15.5085, 12.5253, 9.5829

Protanomaly

13.0591, 12.4754, 10.7365

Deuteranomaly

13.7698, 12.6083, 9.4925

Tritanomaly

15.7575, 12.5211, 10.3904

Monochromacy



Original Color

15.5085, 12.5253, 9.5829

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.1828, 12.6374, 12.3341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5085, 12.5253, 9.5829 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(140, 84, 82)` looks like.

```
.text, #text, p{  
    color:rgb(140, 84, 82)  
}
```

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(140, 84, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 84, 82) }
```

Border

The CSS property to change the border of an element to XYZ 15.5085, 12.5253, 9.5829 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(140, 84, 82) }
```


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

```
.border{ border-color:rgb(140, 84, 82) }
```

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

Here you see how a box with a 4 pixel rgb(140, 84, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 84, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 84, 82);  
box-shadow:4px 4px 4px 4px rgb(140, 84,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5085, 12.5253, 9.5829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 84, 82) }
```

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

```
.background{ background-color: rgb(140, 84,  
82) }
```

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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