

Converting Colors

XYZ(17.6115, 16.2149, 12.1301)

Have a look what the booklet for
XYZ(17.6115, 16.2149, 12.1301)
contains.

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Color

**XYZ(17.6539, 16.2314,
12.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	8C685B
RGB	140, 104, 91
RGB Percent	55%, 41%, 36%
CMY	0.4510, 0.5921, 0.6431
CMYK	0.00, 0.26, 0.35, 0.45
HSL	16°, 21%, 45%
HSV	16°, 35%, 55%
XYZ	17.6539, 16.2314, 12.1000
YIQ	113.2820, 25.6290, 3.5890

Conversions

Conversions Part 2

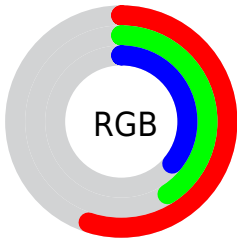
Format	Color
R_{YB}	140, 109, 91
Decimal	9201755
CIE _{Lab}	47.28, 12.54, 12.94
CIE _{LCh}	47, 18.018, 45.915
Yxy	16.2314, 0.3839, 0.3530
Android (android.graphics.Color)	4287391835 (0xFF8C685B)
YUV	113.2820, -10.9850, 23.4317
Hunter-Lab	40.2882, 7.7126, 10.3948

Details

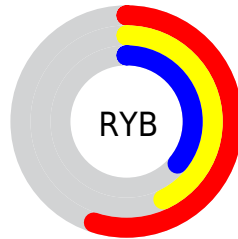
The XYZ color **17.6539, 16.2314, 12.1000** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.6372, 19.2958, 27.6587**, and the grayscale version is **15.8064, 16.6296, 18.1096**.

A 20% lighter version of the original color is **39.0347, 36.9679, 30.2775**, and **5.9613, 5.1904, 3.1703** is the 20% darker color. If you saturate the color by 10%, you get **16.1326, 14.0668, 8.8862**, and if you desaturate by 10%, it is **19.4150, 18.6952, 15.9501**.

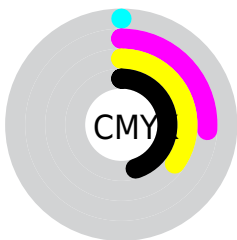
Distribution



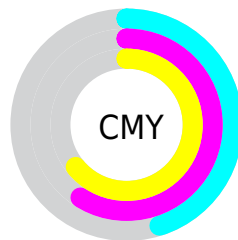
- Red (55%)
- Green (41%)
- Blue (36%)



- Red (55%)
- Yellow (43%)
- Blue (36%)



- Cyan (0%)
- Magenta (26%)
- Yellow (35%)
- Black (45%)



- Cyan (45%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6539, 16.2314, 12.1000 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 17.6539, 16.2314, 12.1000 by changing the saturation by 10% instead.

■ 17.6539, 16.2314,
12.1000

■ 17.6539, 16.2314,
12.1000

231.9965,
230.7033, 216.0676

■ 10.8000, 9.6880,
6.6885

■ 38.9814, 36.9995,
30.3442

■ 5.9988, 5.1926,
3.1926

■ 54.1857, 51.9930,
44.0140

■ 2.8850, 2.3607,
1.1938

■ 72.9042, 70.5720,
61.2735

■ 1.0932, 0.8056,
0.0000

■ 95.5022, 93.1209,
82.5415

■ 0.0195, 0.0000,
0.0000

122.3450,
120.0240, 108.2363

■ 0.0000, 0.0000,
0.0000

153.7981,

151.6659, 138.7766

190.2268,
188.4309, 174.5808

■ 17.6539, 16.2314,
12.1000

■ 17.6539, 16.2314,
12.1000

■ 16.1326, 14.0668,
8.8862

■ 19.4150, 18.6952,
15.9501

■ 14.8391, 12.1875,
6.2730

■ 21.4248, 21.4669,
20.4673

■ 13.7620, 10.5819,
4.2230

■ 23.6932, 24.5574,
25.6819

■ 12.8886, 9.2368,
2.6937

■ 26.2291, 27.9767,
31.6218

■ 12.2046, 8.1376,
1.6369

■ 29.0411, 31.7342,
38.3133

■ 11.6921, 7.2677,
0.9876

■ 32.1374, 35.8389,
45.7817

■ 11.4816, 6.9081,
0.7282

■ 35.5257, 40.2996,
54.0509

■ 39.2135, 45.1245,
63.1437

■ 43.2081, 50.3218,
73.0822

Harmonies

Analogous

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



18.5585, 16.2314, 15.3791



17.6539, 16.2314, 12.1000



16.1835, 16.2314, 10.4679

Triad

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



17.6539, 16.2314, 12.1000



12.6478, 16.2314, 15.6268



16.2812, 16.2314, 27.5023

Complementary

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



17.6539, 16.2314, 12.1000



16.6372, 19.2958, 27.6587

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.



14.6953, 16.2314, 27.5997



17.6539, 16.2314, 12.1000



12.6700, 16.2314, 20.1848

Square

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



17.6539, 16.2314, 12.1000



13.3338, 16.2314, 12.2543



13.3966, 16.2314, 24.7389



17.7296, 16.2314, 24.4921

Rectangle

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



17.6539, 16.2314, 12.1000



15.1145, 16.2314, 10.3158



13.3966, 16.2314, 24.7389



15.7447, 16.2314, 27.8923

Sweetspot

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



17.6543, 16.2322, 12.1003



39.6301, 40.3850, 40.3309



18.4363, 14.6097, 22.1843



9.0184, 9.1512, 9.0332



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.



17.6543, 16.2322, 12.1003



28.9754, 25.5647, 16.7743



20.3903, 21.7042, 13.0123



5.1338, 5.2505, 5.2953



10.2164, 6.1672, 0.6519



0.0785, 0.0623, 0.0079

Inverse Universe

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



16.6372, 19.2958, 27.6587



26.8948, 31.7869, 48.4609



13.9233, 13.8681, 26.7541



5.0625, 5.4679, 6.3944



8.5190, 10.3083, 23.5864



0.0686, 0.0925, 0.1607

Previews

White Background



This preview shows how the XYZ color 17.6539, 16.2314, 12.1000 looks on a white background.

Color Contrast Check

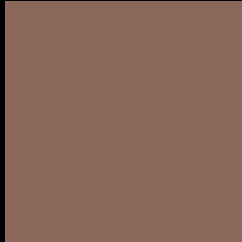
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6539, 16.2314, 12.1000 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 17.6539, 16.2314, 12.1000

Background



This preview shows how black text looks on a background with the XYZ color 17.6539, 16.2314, 12.1000.



This preview shows how white text looks on a background with the XYZ color 17.6539, 16.2314,

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

17.6539, 16.2314, 12.1000

Protanopia

15.3309, 16.2661, 13.1581

Deuteranopia

16.5681, 16.2886, 11.9436



Tritanopia

18.5693, 16.1623, 16.6089

Trichromacy



Original Color

17.6539, 16.2314, 12.1000

Protanomaly

16.0932, 16.1811, 12.8647

Deuteranomaly

16.9347, 16.3219, 11.9307

Tritanomaly

18.1341, 16.1248, 14.7270

Monochromacy



Original Color

17.6539, 16.2314, 12.1000

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.2941, 16.3827, 15.6680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6539, 16.2314, 12.1000 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, 104, 91)` looks like.

```
.text, #text, p{  
    color:rgb(140, 104, 91)  
}
```

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, 104, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 104, 91) }
```

Border

The CSS property to change the border of an element to XYZ 17.6539, 16.2314, 12.1000 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, 104, 91) }
```


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

```
.border{ border-color:rgb(140, 104, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 104, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 104, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 104, 91);  
box-shadow:4px 4px 4px 4px rgb(140, 104,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6539, 16.2314, 12.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 104, 91) }
```

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

```
.background{ background-color: rgb(140,  
104, 91) }
```

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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