

Converting Colors

XYZ(20.1894, 15.9211, 8.4787)

Have a look what the booklet for
XYZ(20.1894, 15.9211, 8.4787)
contains.

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Color

**XYZ(20.1674, 15.9352,
8.4914)**

Conversions

Conversions Part 1

Format	Color
Hex	A35C4A
RGB	163, 92, 74
RGB Percent	64%, 36%, 29%
CMY	0.3608, 0.6392, 0.7098
CMYK	0.00, 0.44, 0.55, 0.36
HSL	12°, 38%, 46%
HSV	12°, 55%, 64%
XYZ	20.1674, 15.9352, 8.4914
YIQ	111.1770, 48.0940, 9.4540

Conversions

Conversions Part 2

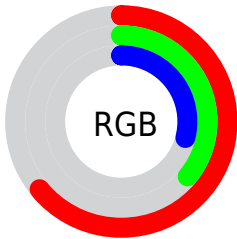
Format	Color
RYB	163, 97, 74
Decimal	10705994
CIELab	46.89, 27.15, 22.98
CIELCh	47, 35.569, 40.249
Yxy	15.9352, 0.4522, 0.3573
Android (android.graphics.Color)	4288896074 (0xFFA35C4A)
YUV	111.1770, -18.3283, 45.4488
Hunter-Lab	39.9189, 20.3217, 15.3313

Details

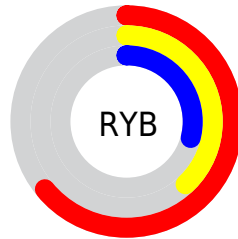
The XYZ color **20.1674, 15.9352, 8.4914** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.5597, 24.3497, 38.3192**, and the grayscale version is **15.2030, 15.9947, 17.4183**.

A 20% lighter version of the original color is **43.2164, 36.4471, 23.4961**, and **7.1984, 5.0209, 1.8180** is the 20% darker color. If you saturate the color by 10%, you get **18.6564, 13.6812, 5.6206**, and if you desaturate by 10%, it is **22.0148, 18.6344, 12.1766**.

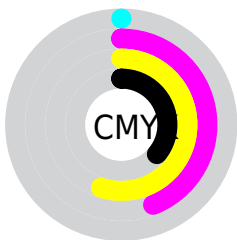
Distribution



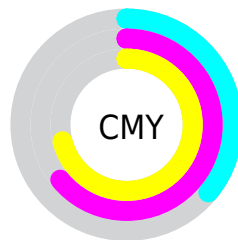
- Red (64%)
- Green (36%)
- Blue (29%)



- Red (64%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (55%)
- Black (36%)



- Cyan (36%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1674, 15.9352, 8.4914 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 20.1674, 15.9352, 8.4914 by changing the saturation by 10% instead.

■ 20.1674, 15.9352,
8.4914

■ 20.1674, 15.9352,
8.4914

245.6362,
228.9590, 189.6133

■ 12.6258, 9.4783,
4.3187

■ 43.1995, 36.4857,
23.4782

■ 7.2466, 5.0545,
1.8018

■ 59.4206, 51.3480,
35.1293

■ 3.6645, 2.2793,
0.4291

■ 79.2656, 69.7810,
50.1104

■ 1.5141, 0.7627,
0.0000

■ 103.0999, 92.1690,
68.8399

■ 0.3354, 0.0000,
0.0000

■ 131.2887,
118.8964, 91.7364

■ 0.0000, 0.0000,
0.0000

164.1975,

150.3476, 119.2185

202.1915,
186.9071, 151.7046

■ 20.1674, 15.9352,
8.4914

■ 20.1674, 15.9352,
8.4914

■ 18.6564, 13.6812,
5.6206

■ 22.0148, 18.6344,
12.1766

■ 17.4596, 11.8458,
3.5009

■ 24.2166, 21.7988,
16.7313

■ 16.5537, 10.4030,
2.0609

■ 26.7911, 25.4500,
22.2066

■ 15.9110, 9.3230,
1.2136

■ 29.7546, 29.6075,
28.6496

■ 15.6473, 8.8728,
0.8879

■ 33.1227, 34.2898,
36.1040

■ 36.9099, 39.5144,
44.6110

■ 41.1303, 45.2980,
54.2093

■ 45.7970, 51.6566,
64.9358

■ 50.9227, 58.6056,
76.8256

Harmonies

Analogous

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



21.8031, 15.9352, 14.4864



20.1674, 15.9352, 8.4914



17.2514, 15.9352, 5.7312

Triad

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



20.1674, 15.9352, 8.4914



10.1990, 15.9352, 12.1966



16.2317, 15.9352, 40.1609

Complementary

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



20.1674, 15.9352, 8.4914



19.5597, 24.3497, 38.3192

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.



13.2192, 15.9352, 38.8935



20.1674, 15.9352, 8.4914



10.0039, 15.9352, 20.5697

Square

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



20.1674, 15.9352, 8.4914



11.6111, 15.9352, 7.3090



11.0359, 15.9352, 30.8867



19.3340, 15.9352, 33.9183

Rectangle

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



20.1674, 15.9352, 8.4914



15.1200, 15.9352, 5.2645



11.0359, 15.9352, 30.8867



15.1719, 15.9352, 40.6392

Sweetspot

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



20.1678, 15.9360, 8.4917



52.3380, 51.6969, 49.2269



22.6793, 14.7347, 28.5177



11.5153, 11.2756, 10.5331



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.1678, 15.9360, 8.4917



32.7972, 23.5689, 8.9449



25.1867, 25.9738, 10.1647



7.1845, 7.3073, 7.4119



12.1881, 6.9502, 0.6991



0.2859, 0.2055, 0.0246

Inverse Universe

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



19.5597, 24.3497, 38.3192



31.5235, 40.1408, 68.1426



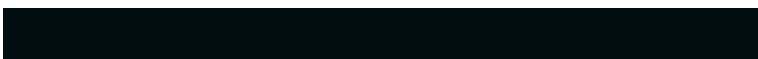
14.0596, 13.3495, 36.4858



7.1539, 7.7667, 9.0252



11.3771, 14.5336, 29.1354



0.2682, 0.3637, 0.6219

Previews

White Background



This preview shows how the XYZ color 20.1674, 15.9352, 8.4914 looks on a white background.

Color Contrast Check

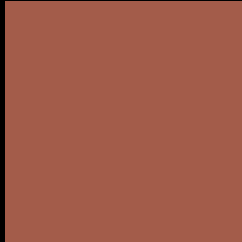
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1674, 15.9352, 8.4914 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 20.1674, 15.9352, 8.4914

Background



This preview shows how black text looks on a background with the XYZ color 20.1674, 15.9352, 8.4914.



This preview shows how white text looks on a background with the XYZ color 20.1674, 15.9352,

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

20.1674, 15.9352, 8.4914

Protanopia

15.0629, 16.1906, 10.3138

Deuteranopia

16.3867, 16.1212, 8.2093



Tritanopia

21.1550, 15.9703, 12.7941

Trichromacy



Original Color

20.1674, 15.9352, 8.4914

Protanomaly

16.6162, 15.9019, 9.5907

Deuteranomaly

17.5981, 15.9904, 8.2898

Tritanomaly

20.6863, 15.8930, 10.9942

Monochromacy



Original Color

20.1674, 15.9352, 8.4914

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.3608, 15.5283, 13.6902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1674, 15.9352, 8.4914 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(163, 92, 74)` looks like.

```
.text, #text, p{  
    color:rgb(163, 92, 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(163, 92, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 92, 74) }
```

Border

The CSS property to change the border of an element to XYZ 20.1674, 15.9352, 8.4914 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(163, 92, 74) }
```


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

```
.border{ border-color:rgb(163, 92, 74) }
```

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

Here you see how a box with a 4 pixel rgb(163, 92, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 92, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 92, 74);  
box-shadow:4px 4px 4px 4px rgb(163, 92,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1674, 15.9352, 8.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 92, 74) }
```

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

```
.background{ background-color: rgb(163, 92,  
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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