

Converting Colors

XYZ(22.4000, 17.2169, 9.0463)

Have a look what the booklet for
XYZ(22.4000, 17.2169, 9.0463)
contains.

XYZ(22.4524, 17.2347, 8.9807)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.4524, 17.2347,
8.9807)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5D4C
RGB	173, 93, 76
RGB Percent	68%, 36%, 30%
CMY	0.3216, 0.6353, 0.7020
CMYK	0.00, 0.46, 0.56, 0.32
HSL	11°, 39%, 49%
HSV	11°, 56%, 68%
XYZ	22.4524, 17.2347, 8.9807
YIQ	114.9820, 53.1370, 11.6730

Conversions

Conversions Part 2

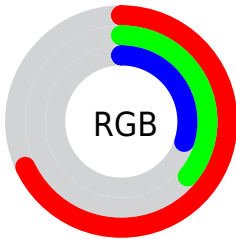
Format	Color
R_{YB}	173, 97, 76
Decimal	11361612
CIE Lab	48.55, 30.83, 24.24
CIE LCh	49, 39.222, 38.175
Yxy	17.2347, 0.4613, 0.3541
Android (android.graphics.Color)	4289551692 (0xFFAD5D4C)
YUV	114.9820, -19.2181, 50.8818
Hunter-Lab	41.5147, 23.8875, 16.2343

Details

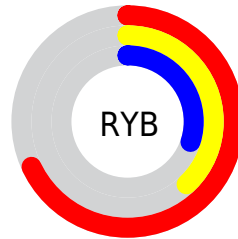
The XYZ color **22.4524, 17.2347, 8.9807** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **22.4110, 28.3290, 43.8218**, and the grayscale version is **16.3358, 17.1865, 18.7161**.

A 20% lighter version of the original color is **47.1058, 38.8873, 24.4253**, and **8.3505, 5.6133, 1.9397** is the 20% darker color. If you saturate the color by 10%, you get **20.7923, 14.7511, 5.8485**, and if you desaturate by 10%, it is **24.5087, 20.2521, 13.0432**.

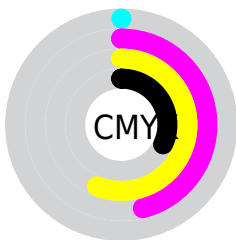
Distribution



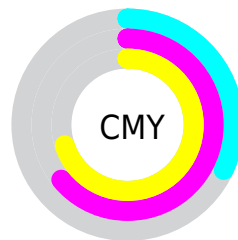
- Red (68%)
- Green (36%)
- Blue (30%)



- Red (68%)
- Yellow (38%)
- Blue (30%)



- Cyan (0%)
- Magenta (46%)
- Yellow (56%)
- Black (32%)



- Cyan (32%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4524, 17.2347, 8.9807 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 22.4524, 17.2347, 8.9807 by changing the saturation by 10% instead.

■ 22.4524, 17.2347,
8.9807

■ 22.4524, 17.2347,
8.9807

257.4880,
236.5213, 193.4466

■ 14.3082, 10.4020,
4.6320

■ 46.9659, 38.7289,
24.4369

■ 8.4184, 5.6663,
1.9780

■ 64.0659, 54.1591,
36.3814

■ 4.4179, 2.6432,
0.5417

■ 84.8818, 73.2239,
51.6949

■ 1.9412, 0.9484,
0.0000

■ 109.7790, 96.3078,
70.7960

■ 0.6006, 0.0000,
0.0000

■ 139.1228,
123.7951, 94.1032

■ 0.0000, 0.0000,
0.0000

173.2787,

156.0701, 122.0350

212.6120,
193.5174, 155.0100

■ 22.4524, 17.2347,
8.9807

■ 22.4524, 17.2347,
8.9807

■ 20.7923, 14.7511,
5.8485

■ 24.5087, 20.2521,
13.0432

■ 19.5008, 12.7672,
3.5712

■ 26.9839, 23.8293,
18.1012

■ 18.5487, 11.2492,
2.0633

■ 29.9002, 27.9940,
24.2153

■ 17.8997, 10.1570,
1.2124

■ 33.2779, 32.7710,
31.4407

■ 17.7061, 9.8294,
0.9641

■ 37.1362, 38.1838,
39.8291

■ 41.4931, 44.2547,
49.4286

■ 46.3655, 51.0049,
60.2849

■ 51.7697, 58.4545,
72.4410

■ 57.7212, 66.6229,
85.9382

Harmonies

Analogous

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



24.2390, 17.2347, 16.0836



22.4524, 17.2347, 8.9807



19.0937, 17.2347, 5.7167

Triad

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



22.4524, 17.2347, 8.9807



10.7552, 17.2347, 12.3142



17.3860, 17.2347, 46.0491

Complementary

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



22.4524, 17.2347, 8.9807



22.4110, 28.3290, 43.8218

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.



13.9383, 17.2347, 43.8644



22.4524, 17.2347, 8.9807



10.4365, 17.2347, 21.7304

Square

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



22.4524, 17.2347, 8.9807



12.4618, 17.2347, 7.0913



11.5166, 17.2347, 33.8919



21.0463, 17.2347, 39.0809

Rectangle

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



22.4524, 17.2347, 8.9807



16.6027, 17.2347, 5.1010



11.5166, 17.2347, 33.8919



16.1615, 17.2347, 46.3984

Sweetspot

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



22.4528, 17.2356, 8.9810



58.8109, 57.5804, 54.6094



25.8895, 16.4818, 33.6404



12.5184, 12.1430, 11.3034



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



22.4528, 17.2356, 8.9810



36.6989, 25.5994, 9.4947



28.0138, 28.3576, 10.8347



8.1146, 8.2339, 8.3750



13.0384, 7.2823, 0.7184



0.3959, 0.2689, 0.0310

Inverse Universe

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



22.4110, 28.3290, 43.8218



36.5409, 47.2694, 78.0038



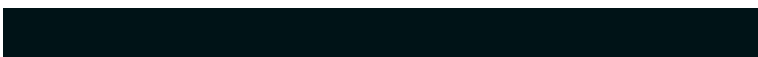
15.9212, 15.3493, 41.6585



8.1151, 8.8296, 10.2293



12.7584, 16.6507, 31.5860



0.3858, 0.5249, 0.8890

Previews

White Background



This preview shows how the XYZ color 22.4524, 17.2347, 8.9807 looks on a white background.

Color Contrast Check

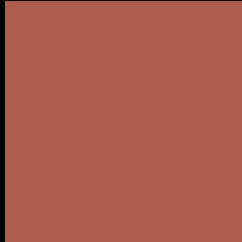
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4524, 17.2347, 8.9807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

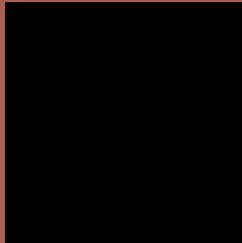
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.4524, 17.2347, 8.9807

Background



This preview shows how black text looks on a background with the XYZ color 22.4524, 17.2347, 8.9807.



This preview shows how white text looks on a background with the XYZ color 22.4524, 17.2347,

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

22.4524, 17.2347, 8.9807

Protanopia

16.1973, 17.4317, 11.1053

Deuteranopia

17.7023, 17.4254, 8.7338



Tritanopia

23.2694, 17.1741, 13.3978

Trichromacy



Original Color

22.4524, 17.2347, 8.9807

Protanomaly

18.0409, 17.0851, 10.3295

Deuteranomaly

19.1352, 17.0704, 8.7650

Tritanomaly

22.9998, 17.2021, 11.5593

Monochromacy



Original Color

22.4524, 17.2347, 8.9807

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.7600, 16.6892, 14.5972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4524, 17.2347, 8.9807 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(173, 93, 76)` looks like.

```
.text, #text, p{  
    color:rgb(173, 93, 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(173, 93, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 93, 76) }
```

Border

The CSS property to change the border of an element to XYZ 22.4524, 17.2347, 8.9807 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(173, 93, 76) }
```


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

```
.border{ border-color:rgb(173, 93, 76) }
```

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

Here you see how a box with a 4 pixel rgb(173, 93, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 93, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 93, 76);  
box-shadow:4px 4px 4px 4px rgb(173, 93,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4524, 17.2347, 8.9807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 93, 76) }
```

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

```
.background{ background-color: rgb(173, 93,  
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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