

Converting Colors

XYZ(24.6412, 24.8316, 8.8752)

Have a look what the booklet for
XYZ(24.6412, 24.8316, 8.8752)
contains.

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Color

**XYZ(24.5742, 24.8003,
8.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	A48443
RGB	164, 132, 67
RGB Percent	64%, 52%, 26%
CMY	0.3569, 0.4823, 0.7372
CMYK	0.00, 0.20, 0.59, 0.36
HSL	40°, 42%, 45%
HSV	40°, 59%, 64%
XYZ	24.5742, 24.8003, 8.8019
YIQ	134.1580, 39.9370, -13.4310

Conversions

Conversions Part 2

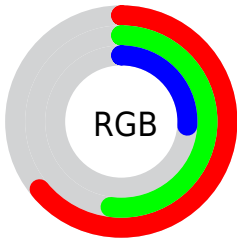
Format	Color
R_{YB}	115, 164, 67
Decimal	10781763
CIE _{Lab}	56.88, 4.39, 39.18
CIE _{LCh}	57, 39.424, 83.606
Yxy	24.8003, 0.4224, 0.4263
Android (android.graphics.Color)	4288971843 (0xFFA48443)
YUV	134.1580, -33.1089, 26.1714
Hunter-Lab	49.7999, 0.9326, 24.3807

Details

The XYZ color **24.5742, 24.8003, 8.8019** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **13.4772, 12.7967, 36.8814**, and the grayscale version is **22.8264, 24.0151, 26.1525**.

A 20% lighter version of the original color is **50.3786, 51.3544, 24.0868**, and **9.5091, 9.4814, 1.9012** is the 20% darker color. If you saturate the color by 10%, you get **23.4357, 23.2023, 6.3294**, and if you desaturate by 10%, it is **25.8913, 26.5325, 12.0218**.

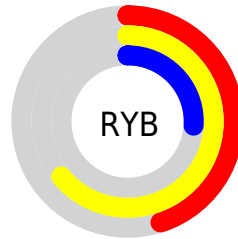
Distribution



Red (64%)

Green (52%)

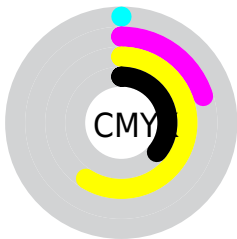
Blue (26%)



Red (45%)

Yellow (64%)

Blue (26%)

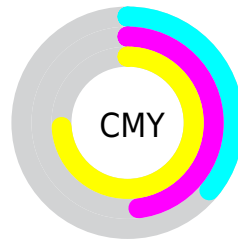


Cyan (0%)

Magenta (20%)

Yellow (59%)

Black (36%)



Cyan (36%)

Magenta (48%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5742, 24.8003, 8.8019 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 24.5742, 24.8003, 8.8019 by changing the saturation by 10% instead.

■ 24.5742, 24.8003,
8.8019

■ 24.5742, 24.8003,
8.8019

268.0977,
276.8420, 192.0565

■ 15.8871, 15.9283,
4.5171

■ 50.4135, 51.3331,
24.0877

■ 9.5347, 9.4735,
1.9131

■ 68.2964, 69.7627,
35.9259

■ 5.1514, 5.0513,
0.5011

■ 89.9754, 92.1469,
51.1190

■ 2.3720, 2.2774,
0.0000

■ 115.8157,
118.8702, 70.0854

■ 0.8312, 0.7617,
0.0000

■ 146.1827,
150.3170, 93.2439

■ 0.0000, 0.0000,
0.0000

181.4418,

186.8716, 121.0129

221.9583,
228.9185, 153.8109

■ 24.5742, 24.8003,
8.8019

■ 24.5742, 24.8003,
8.8019

■ 23.4357, 23.2023,
6.3294

■ 25.8913, 26.5325,
12.0218

■ 22.4613, 21.7290,
4.5390

■ 27.3964, 28.4007,
16.0442

■ 21.6369, 20.3747,
3.3561

■ 29.1004, 30.4112,
20.9207

■ 20.9330, 19.1266,
2.6288

■ 31.0126, 32.5684,
26.6980

■ 20.8753, 19.0236,
2.5717

■ 33.1418, 34.8767,
33.4195

■ 35.4961, 37.3403,
41.1257

■ 38.0833, 39.9629,
49.8548

■ 40.9107, 42.7484,
59.6429

■ 43.9853, 45.7003,
70.5244

Harmonies

Analogous

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



29.2395, 24.8003, 11.2763



24.5742, 24.8003, 8.8019



20.1938, 24.8003, 9.7676

Triad

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



24.5742, 24.8003, 8.8019



16.3392, 24.8003, 38.5132



31.4616, 24.8003, 45.0654

Complementary

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



24.5742, 24.8003, 8.8019



13.4772, 12.7967, 36.8814

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.



27.3073, 24.8003, 57.6301



24.5742, 24.8003, 8.8019



18.6886, 24.8003, 53.0641

Square

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



24.5742, 24.8003, 8.8019



15.8067, 24.8003, 24.2704



22.5973, 24.8003, 60.9553



33.5370, 24.8003, 29.9340

Rectangle

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



24.5742, 24.8003, 8.8019



17.9657, 24.8003, 12.4637



22.5973, 24.8003, 60.9553



30.2378, 24.8003, 49.9051

Sweetspot

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



24.5748, 24.8015, 8.8024



56.5905, 59.4453, 49.3813



19.5851, 12.8142, 13.3295



12.1506, 12.7508, 10.1137



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.



24.5748, 24.8015, 8.8024



41.9445, 41.2390, 10.3236



26.4711, 33.2364, 10.3305



7.4516, 7.8416, 7.5009



16.0511, 14.6762, 1.9868



0.3777, 0.3892, 0.0552

Inverse Universe

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



13.4772, 12.7967, 36.8814



19.9826, 17.5440, 66.0855



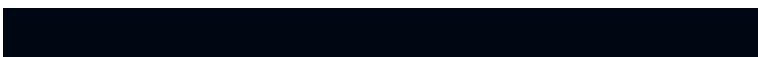
12.2902, 8.5415, 36.1226



6.8824, 7.2239, 8.9347



6.1925, 4.1645, 27.4072



0.1719, 0.1710, 0.5898

Previews

White Background



This preview shows how the XYZ color 24.5742, 24.8003, 8.8019 looks on a white background.

Color Contrast Check

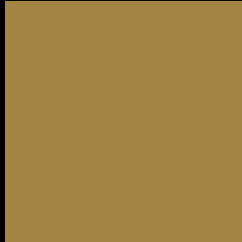
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.5742, 24.8003, 8.8019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

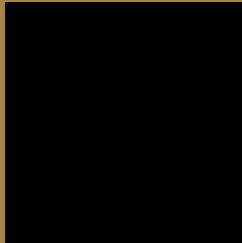
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5742, 24.8003, 8.8019

Background



This preview shows how black text looks on a background with the XYZ color 24.5742, 24.8003, 8.8019.



This preview shows how white text looks on a background with the XYZ color 24.5742, 24.8003,

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

24.5742, 24.8003, 8.8019

Protanopia

22.7823, 24.9003, 9.2357

Deuteranopia

25.1442, 24.6953, 8.7516



Tritanopia

28.2143, 24.9345, 25.8800

Trichromacy



Original Color

24.5742, 24.8003, 8.8019

Protanomaly

23.4177, 24.8132, 9.0240

Deuteranomaly

25.0658, 24.8533, 8.7863

Tritanomaly

26.6821, 24.8890, 18.1496

Monochromacy



Original Color

24.5742, 24.8003, 8.8019

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.8791, 23.9206, 18.1631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5742, 24.8003, 8.8019 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(164, 132, 67)` looks like.

```
.text, #text, p{  
    color:rgb(164, 132, 67)  
}
```

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(164, 132, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 132, 67) }
```

Border

The CSS property to change the border of an element to XYZ 24.5742, 24.8003, 8.8019 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(164, 132, 67) }
```


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

```
.border{ border-color:rgb(164, 132, 67) }
```

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

Here you see how a box with a 4 pixel rgb(164, 132, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 132, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 132, 67);  
box-shadow:4px 4px 4px 4px rgb(164, 132,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5742, 24.8003, 8.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 132, 67) }
```

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

```
.background{ background-color: rgb(164,  
132, 67) }
```

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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