

Converting Colors

XYZ(24.6626, 16.1555, 8.7841)

Have a look what the booklet for
XYZ(24.6626, 16.1555, 8.7841)
contains.

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Color

**XYZ(24.7746, 16.2522,
8.8524)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4A4D
RGB	189, 74, 77
RGB Percent	74%, 29%, 30%
CMY	0.2588, 0.7098, 0.6980
CMYK	0.00, 0.61, 0.59, 0.26
HSL	358°, 47%, 52%
HSV	358°, 61%, 74%
XYZ	24.7746, 16.2522, 8.8524
YIQ	108.7270, 67.5770, 25.3130

Conversions

Conversions Part 2

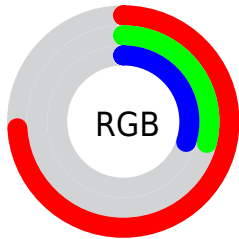
Format	Color
R_{YB}	189, 74, 77
Decimal	12405325
CIE _{Lab}	47.30, 46.53, 22.50
CIE _{LCh}	47, 51.688, 25.807
Yxy	16.2522, 0.4967, 0.3258
Android (android.graphics.Color)	4290595405 (0xFFBD4A4D)
YUV	108.7270, -15.6414, 70.3994
Hunter-Lab	40.3140, 39.1460, 15.2005

Details

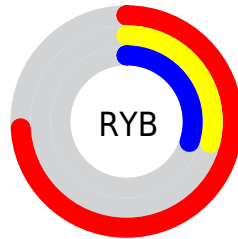
The XYZ color **24.7746, 16.2522, 8.8524** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.8857, 41.3966, 52.8729**, and the grayscale version is **14.4886, 15.2432, 16.5998**.

A 20% lighter version of the original color is **50.7796, 37.0091, 24.2058**, and **9.6513, 5.1973, 1.9333** is the 20% darker color. If you saturate the color by 10%, you get **23.1363, 13.8729, 5.5408**, and if you desaturate by 10%, it is **26.9765, 19.4648, 13.2594**.

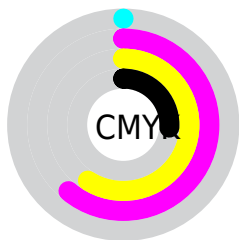
Distribution



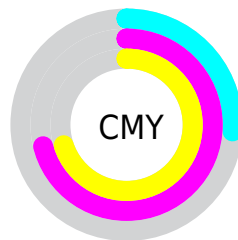
- Red (74%)
- Green (29%)
- Blue (30%)



- Red (74%)
- Yellow (29%)
- Blue (30%)



- Cyan (0%)
- Magenta (61%)
- Yellow (59%)
- Black (26%)





- Cyan (26%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7746, 16.2522, 8.8524 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 24.7746, 16.2522, 8.8524 by changing the saturation by 10% instead.


 24.7746, 16.2522,
8.8524


 24.7746, 16.2522,
8.8524


269.0820,
230.8253, 192.4503


 16.0370, 9.7028,
4.5495


 50.7369, 37.0355,
24.1865


 9.6414, 5.2023,
1.9314


 68.6923, 52.0381,
36.0548

 5.2223, 2.3665,
0.5126

 90.4510, 70.6274,
51.2820

 2.4144, 0.8086,
0.0000

 116.3784, 93.1875,
70.2866

 0.8523, 0.0000,
0.0000

 146.8398,
120.1030, 93.4872

 0.0000, 0.0000,
0.0000

182.2007,

151.7582, 121.3024

222.8263,
188.5375, 154.1505

■ 24.7746, 16.2522,
8.8524

■ 24.7746, 16.2522,
8.8524

■ 23.1363, 13.8729,
5.5408

■ 26.9765, 19.4648,
13.2594

■ 22.0095, 12.2476,
3.2280

■ 29.7859, 23.5753,
18.8455

■ 21.3341, 11.2863,
1.8019

■ 33.2434, 28.6449,
25.6873

■ 21.0131, 10.8295,
1.1241

■ 37.3860, 34.7287,
33.8547

■ 42.2478, 41.8776,
43.4125

■ 47.8606, 50.1394,
54.4211

■ 54.2545, 59.5585,
66.9374

■ 61.4577, 70.1772,
81.0154

■ 69.4971, 82.0356,
96.7062

Harmonies

Analogous

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



25.9604, 16.2522, 19.5985



24.7746, 16.2522, 8.8524



20.9244, 16.2522, 3.9828

Triad

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



24.7746, 16.2522, 8.8524



9.2644, 16.2522, 6.9937



14.8142, 16.2522, 56.4765

Complementary

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



24.7746, 16.2522, 8.8524



29.8857, 41.3966, 52.8729

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.



11.0204, 16.2522, 47.7007



24.7746, 16.2522, 8.8524



8.2421, 16.2522, 15.9205

Square

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



24.7746, 16.2522, 8.8524



11.9321, 16.2522, 3.3406



8.8154, 16.2522, 31.0523



19.5927, 16.2522, 51.3505

Rectangle

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



24.7746, 16.2522, 8.8524



17.7012, 16.2522, 2.8001



8.8154, 16.2522, 31.0523



13.3932, 16.2522, 54.9724

Sweetspot

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



24.7750, 16.2531, 8.8527



69.0584, 65.2856, 64.7662



31.6823, 18.9076, 50.1236



14.3370, 13.2843, 12.9166



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.7750, 16.2531, 8.8527



40.6695, 23.7359, 8.3569



29.8987, 26.6657, 10.0510



9.5400, 9.5403, 9.9665



14.1428, 7.2883, 0.7796



0.5575, 0.2869, 0.0489

Inverse Universe

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



24.7750, 16.2531, 8.8527



40.6695, 23.7359, 8.3569



20.7208, 22.5522, 51.4048



9.5400, 9.5403, 9.9665



14.1428, 7.2883, 0.7796



0.5575, 0.2869, 0.0489

Previews

White Background



This preview shows how the XYZ color 24.7746, 16.2522, 8.8524 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 24.7746, 16.2522, 8.8524 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 24.7746, 16.2522, 8.8524

Background



This preview shows how black text looks on a background with the XYZ color 24.7746, 16.2522, 8.8524.



This preview shows how white text looks on a background with the XYZ color 24.7746, 16.2522,

8.8524.

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

24.7746, 16.2522, 8.8524

Protanopia

15.5333, 16.5403, 12.9636

Deuteranopia

16.6532, 16.4143, 8.2518



Tritanopia

24.8102, 16.2664, 9.0398

Trichromacy



Original Color

24.7746, 16.2522, 8.8524

Protanomaly

17.7249, 15.5576, 11.3012

Deuteranomaly

18.9030, 15.8153, 8.3597

Tritanomaly

24.8102, 16.2664, 9.0398

Monochromacy



Original Color

24.7746, 16.2522, 8.8524

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.8218, 14.6321, 13.2469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7746, 16.2522, 8.8524 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(189, 74, 77)` looks like.

```
.text, #text, p{  
    color:rgb(189, 74, 77)  
}
```

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(189, 74, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 74, 77) }
```

Border

The CSS property to change the border of an element to XYZ 24.7746, 16.2522, 8.8524 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(189, 74, 77) }
```


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

```
.border{ border-color:rgb(189, 74, 77) }
```

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

Here you see how a box with a 4 pixel rgb(189, 74, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 74, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 74, 77);  
box-shadow:4px 4px 4px 4px rgb(189, 74,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7746, 16.2522, 8.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 74, 77) }
```

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

```
.background{ background-color: rgb(189, 74,  
77) }
```

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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