

Converting Colors

XYZ(24.9547, 16.7525, 4.8240)

Have a look what the booklet for
XYZ(24.9547, 16.7525, 4.8240)
contains.

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Color

**XYZ(24.9465, 16.7360,
4.8213)**

Conversions

Conversions Part 1

Format	Color
Hex	C04D31
RGB	192, 77, 49
RGB Percent	75%, 30%, 19%
CMY	0.2471, 0.6980, 0.8078
CMYK	0.00, 0.60, 0.74, 0.25
HSL	12°, 59%, 47%
HSV	12°, 74%, 75%
XYZ	24.9465, 16.7360, 4.8213
YIQ	108.1930, 77.5280, 15.6720

Conversions

Conversions Part 2

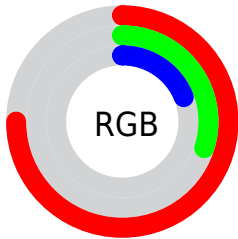
Format	Color
R_{YB}	192, 84, 49
Decimal	12602673
CIE _{Lab}	47.93, 44.59, 39.46
CIE _{LCh}	48, 59.542, 41.508
Yxy	16.7360, 0.5364, 0.3599
Android (android.graphics.Color)	4290792753 (0xFFC04D31)
YUV	108.1930, -29.1821, 73.4987
Hunter-Lab	40.9097, 37.2565, 21.6493

Details

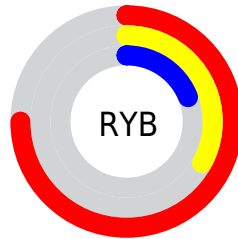
The XYZ color **24.9465, 16.7360, 4.8213** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **24.0553, 31.0072, 54.5860**, and the grayscale version is **14.3729, 15.1214, 16.4672**.

A 20% lighter version of the original color is **51.0134, 37.8992, 15.9358**, and **9.8191, 5.4859, 0.6275** is the 20% darker color. If you saturate the color by 10%, you get **23.6691, 14.6975, 2.8044**, and if you desaturate by 10%, it is **26.6536, 19.3582, 7.8328**.

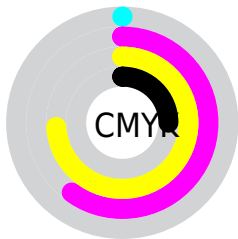
Distribution



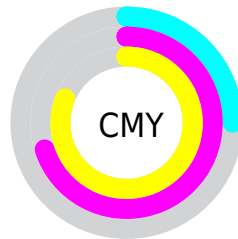
- Red (75%)
- Green (30%)
- Blue (19%)



- Red (75%)
- Yellow (33%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (74%)
- Black (25%)





- Cyan (25%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9465, 16.7360, 4.8213 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 24.9465, 16.7360, 4.8213 by changing the saturation by 10% instead.


 24.9465, 16.7360,
4.8213


 24.9465, 16.7360,
4.8213


269.9240,
233.6464, 156.9582


 16.1657, 10.0464,
2.0859


 51.0139, 37.8713,
15.8635


 9.7331, 5.4298,
0.6074


 69.0313, 53.0859,
25.0075

 5.2833, 2.5016,
0.0000

 90.8582, 71.9108,
37.1246

 2.4509, 0.8774,
0.0000

 116.8601, 94.7307,
52.6336

 0.8705, 0.0000,
0.0000

 147.4023,
121.9298, 71.9529

 0.0000, 0.0000,
0.0000

 182.8500,

153.8925, 95.5011

223.5688,
191.0032, 123.6966

■ 24.9465, 16.7360,
4.8213

■ 24.9465, 16.7360,
4.8213

■ 23.6691, 14.6975,
2.8044

■ 26.6536, 19.3582,
7.8328

■ 22.7782, 13.1937,
1.6507

■ 28.8254, 22.6023,
11.9464

■ 22.4186, 12.5674,
1.2442

■ 31.4945, 26.5066,
17.2565

■ 34.6899, 31.1051,
23.8469

■ 38.4386, 36.4299,
31.7942

■ 42.7654, 42.5106,
41.1685

■ 47.6938, 49.3754,
52.0355

■ 53.2460, 57.0511,
64.4564

■ 59.4429, 65.5630,
78.4892

Harmonies

Analogous

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



28.3026, 16.7360, 12.9427



24.9465, 16.7360, 4.8213



19.4070, 16.7360, 2.1133

Triad

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



24.9465, 16.7360, 4.8213



7.9946, 16.7360, 10.3690



18.0544, 16.7360, 65.1852

Complementary

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



24.9465, 16.7360, 4.8213



24.0553, 31.0072, 54.5860

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.



12.8554, 16.7360, 63.0316



24.9465, 16.7360, 4.8213



7.7909, 16.7360, 24.7727

Square

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



24.9465, 16.7360, 4.8213



10.0049, 16.7360, 3.8471



9.3669, 16.7360, 45.6390



23.7667, 16.7360, 50.4928

Rectangle

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



24.9465, 16.7360, 4.8213



15.6372, 16.7360, 1.7732



9.3669, 16.7360, 45.6390



16.1800, 16.7360, 66.5595

Sweetspot

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



24.9469, 16.7369, 4.8216



71.2266, 68.2354, 61.0002



29.6995, 16.1483, 37.5238



14.8476, 14.0277, 12.1567



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.9469, 16.7369, 4.8216



41.8484, 24.8995, 3.6673



32.6822, 32.2076, 7.4000



10.2294, 10.3902, 10.5282



15.1297, 8.5451, 0.8519



0.7025, 0.4668, 0.0531

Inverse Universe

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



24.0553, 31.0072, 54.5860



39.8581, 51.4425, 98.1889



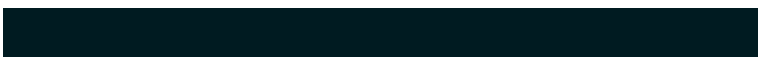
14.8091, 12.5148, 51.5039



10.1955, 11.0824, 12.8866



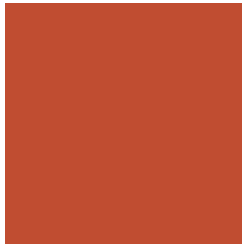
14.2771, 18.3106, 36.3384



0.6607, 0.8789, 1.5847

Previews

White Background



This preview shows how the XYZ color 24.9465, 16.7360, 4.8213 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 24.9465, 16.7360, 4.8213 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 24.9465, 16.7360, 4.8213

Background



This preview shows how black text looks on a background with the XYZ color 24.9465, 16.7360, 4.8213.



This preview shows how white text looks on a background with the XYZ color 24.9465, 16.7360,

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

24.9465, 16.7360, 4.8213

Protanopia

15.4638, 16.8072, 6.8440

Deuteranopia

17.1966, 16.9370, 4.4606



Tritanopia

25.7500, 16.6526, 9.0648

Trichromacy



Original Color

24.9465, 16.7360, 4.8213

Protanomaly

17.9699, 16.0868, 6.0288

Deuteranomaly

19.4273, 16.3083, 4.5068

Tritanomaly

25.4542, 16.6403, 7.1805

Monochromacy



Original Color

24.9465, 16.7360, 4.8213

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

16.6425, 14.7265, 10.9822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9465, 16.7360, 4.8213 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(192, 77, 49)` looks like.

```
.text, #text, p{  
    color:rgb(192, 77, 49)  
}
```

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(192, 77, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 77, 49) }
```

Border

The CSS property to change the border of an element to XYZ 24.9465, 16.7360, 4.8213 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(192, 77, 49) }
```


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

```
.border{ border-color:rgb(192, 77, 49) }
```

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

Here you see how a box with a 4 pixel rgb(192, 77, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 77, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 77, 49);  
box-shadow:4px 4px 4px 4px rgb(192, 77,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9465, 16.7360, 4.8213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 77, 49) }
```

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

```
.background{ background-color: rgb(192, 77,  
49) }
```

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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