

Converting Colors

XYZ(24.8530, 19.3198, 8.4817)

Have a look what the booklet for
XYZ(24.8530, 19.3198, 8.4817)
contains.

XYZ(24.9229, 19.3366, 8.5497)	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(24.9229, 19.3366,
8.5497)**

Conversions

Conversions Part 1

Format	Color
Hex	B66348
RGB	182, 99, 72
RGB Percent	71%, 39%, 28%
CMY	0.2863, 0.6117, 0.7176
CMYK	0.00, 0.46, 0.60, 0.29
HSL	15°, 43%, 50%
HSV	15°, 60%, 71%
XYZ	24.9229, 19.3366, 8.5497
YIQ	120.7390, 58.1350, 9.1990

Conversions

Conversions Part 2

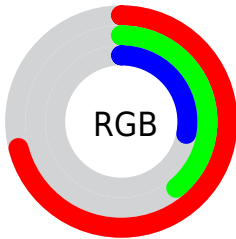
Format	Color
RYB	182, 108, 72
Decimal	11952968
CIELab	51.08, 30.90, 30.01
CIELCh	51, 43.072, 44.165
Yxy	19.3366, 0.4719, 0.3662
Android (android.graphics.Color)	4290143048 (0xFFB66348)
YUV	120.7390, -24.0283, 53.7259
Hunter-Lab	43.9734, 24.2154, 19.2537

Details

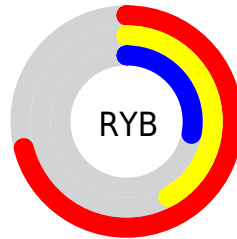
The XYZ color **24.9229, 19.3366, 8.5497** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **22.8366, 28.1963, 48.4945**, and the grayscale version is **18.1521, 19.0975, 20.7971**.

A 20% lighter version of the original color is **51.1357, 42.3909, 23.5763**, and **9.6506, 6.6454, 1.8110** is the 20% darker color. If you saturate the color by 10%, you get **23.2225, 16.7496, 5.4747**, and if you desaturate by 10%, it is **27.0212, 22.4384, 12.6247**.

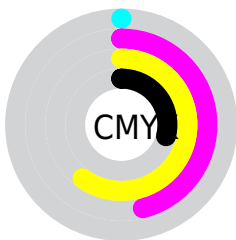
Distribution



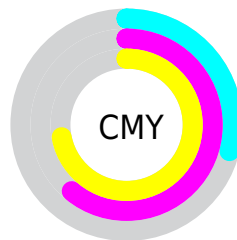
- Red (71%)
- Green (39%)
- Blue (28%)



- Red (71%)
- Yellow (42%)
- Blue (28%)



- Cyan (0%)
- Magenta (46%)
- Yellow (60%)
- Black (29%)





- Cyan (29%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9229, 19.3366, 8.5497 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 24.9229, 19.3366, 8.5497 by changing the saturation by 10% instead.


 24.9229, 19.3366,
8.5497


 24.9229, 19.3366,
8.5497


269.8085,
248.3007, 190.0749


 16.1480, 11.9137,
4.3559


 50.9759, 42.3021,
23.5929


 9.7205, 6.6850,
1.8225


 68.9848, 58.6135,
35.2795

 5.2749, 3.2659,
0.4428

 90.8024, 78.6566,
50.3006

 2.4458, 1.2721,
0.0000

 116.7940,
102.8158, 69.0749

 0.8680, 0.1194,
0.0000

 147.3251,
131.4754, 92.0210

 0.0000, 0.0000,
0.0000

182.7610,

165.0198, 119.5573

223.4670,
203.8335, 152.1024

■ 24.9229, 19.3366,
8.5497

■ 24.9229, 19.3366,
8.5497

■ 23.2225, 16.7496,
5.4747

■ 27.0212, 22.4384,
12.6247

■ 21.8915, 14.6456,
3.3104

■ 29.5405, 26.0783,
17.7762

■ 20.8991, 12.9937,
1.9535

■ 32.5036, 30.2820,
24.0745

■ 20.2175, 11.7975,
1.2116

■ 35.9313, 35.0724,
31.5836

■ 39.8431, 40.4711,
40.3626

■ 44.2571, 46.4989,
50.4669

■ 49.1907, 53.1752,
61.9484

■ 54.6603, 60.5188,
74.8566

■ 60.6817, 68.5476,
89.2380

Harmonies

Analogous

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



27.5485, 19.3366, 15.8064



24.9229, 19.3366, 8.5497



20.7124, 19.3366, 5.5635

Triad

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



24.9229, 19.3366, 8.5497



11.5552, 19.3366, 15.2657



20.4631, 19.3366, 53.0900

Complementary

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



24.9229, 19.3366, 8.5497



22.8366, 28.1963, 48.4945

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.



16.2275, 19.3366, 52.7619



24.9229, 19.3366, 8.5497



11.5098, 19.3366, 27.3515

Square

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



24.9229, 19.3366, 8.5497



13.2296, 19.3366, 8.2866



13.0941, 19.3366, 42.0643



24.7161, 19.3366, 42.8379

Rectangle

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



24.9229, 19.3366, 8.5497



17.7887, 19.3366, 5.2285



13.0941, 19.3366, 42.0643



18.9819, 19.3366, 54.3091

Sweetspot

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



24.9234, 19.3376, 8.5501



66.5824, 65.5814, 60.4612



27.6377, 16.9915, 33.4236



14.2751, 13.8872, 12.3966



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.9234, 19.3376, 8.5501



41.1103, 28.8186, 8.2508



31.7977, 33.0864, 10.8415



9.1789, 9.3608, 9.4299



14.3225, 8.4213, 0.8706



0.5550, 0.3971, 0.0474

Inverse Universe

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



22.8366, 28.1963, 48.4945



36.8611, 46.0877, 87.1888



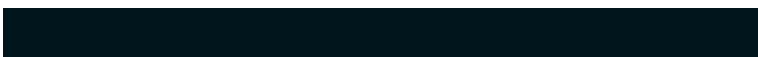
15.8022, 14.1275, 46.1497



9.0749, 9.8270, 11.4979



12.3664, 15.1925, 33.5337



0.4814, 0.6265, 1.1973

Previews

White Background



This preview shows how the XYZ color 24.9229, 19.3366, 8.5497 looks on a white background.

Color Contrast Check

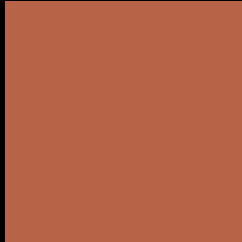
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9229, 19.3366, 8.5497 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 24.9229, 19.3366, 8.5497

Background



This preview shows how black text looks on a background with the XYZ color 24.9229, 19.3366, 8.5497.



This preview shows how white text looks on a background with the XYZ color 24.9229, 19.3366,

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

24.9229, 19.3366, 8.5497

Protanopia

18.1176, 19.4997, 10.5935

Deuteranopia

19.7991, 19.5295, 8.1949



Tritanopia

26.2576, 19.3341, 14.9183

Trichromacy



Original Color

24.9229, 19.3366, 8.5497

Protanomaly

20.1550, 19.1640, 9.8445

Deuteranomaly

21.3481, 19.1586, 8.2030

Tritanomaly

25.5996, 19.1884, 12.2520

Monochromacy



Original Color

24.9229, 19.3366, 8.5497

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.6810, 18.6292, 15.3905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9229, 19.3366, 8.5497 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(182, 99, 72)` looks like.

```
.text, #text, p{  
    color:rgb(182, 99, 72)  
}
```

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(182, 99, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 99, 72) }
```

Border

The CSS property to change the border of an element to XYZ 24.9229, 19.3366, 8.5497 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(182, 99, 72) }
```


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

```
.border{ border-color:rgb(182, 99, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 99, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 99, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 99, 72);  
box-shadow:4px 4px 4px 4px rgb(182, 99,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9229, 19.3366, 8.5497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 99, 72) }
```

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

```
.background{ background-color: rgb(182, 99,  
72) }
```

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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