

Converting Colors

XYZ(23.8493, 15.1099, 5.1495)

Have a look what the booklet for
XYZ(23.8493, 15.1099, 5.1495)
contains.

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Color

**XYZ(23.8493, 15.1099,
5.1495)**

Conversions

Conversions Part 1

Format	Color
Hex	BE4236
RGB	190, 66, 54
RGB Percent	75%, 26%, 21%
CMY	0.2549, 0.7411, 0.7882
CMYK	0.00, 0.65, 0.72, 0.25
HSL	5°, 56%, 48%
HSV	5°, 72%, 75%
XYZ	23.8493, 15.1099, 5.1495
YIQ	101.7080, 77.7560, 22.5560

Conversions

Conversions Part 2

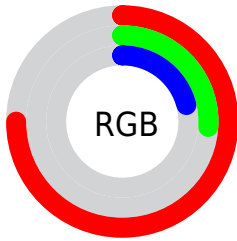
Format	Color
RYB	190, 67, 54
Decimal	12468790
CIELab	45.78, 49.05, 34.20
CIElCh	46, 59.799, 34.882
Yxy	15.1099, 0.5407, 0.3426
Android (android.graphics.Color)	4290658870 (0xFFBE4236)
YUV	101.7080, -23.5200, 77.4321
Hunter-Lab	38.8715, 41.4923, 19.3556

Details

The XYZ color **23.8493, 15.1099, 5.1495** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **26.7345, 36.3398, 54.3202**, and the grayscale version is **12.5990, 13.2551, 14.4348**.

A 20% lighter version of the original color is **49.2103, 35.0680, 16.4870**, and **9.1080, 4.6890, 0.7122** is the 20% darker color. If you saturate the color by 10%, you get **22.6237, 13.2388, 2.9531**, and if you desaturate by 10%, it is **25.5563, 17.6653, 8.3662**.

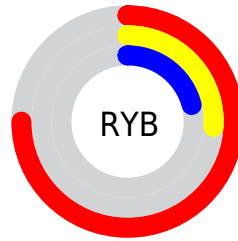
Distribution



Red (75%)

Green (26%)

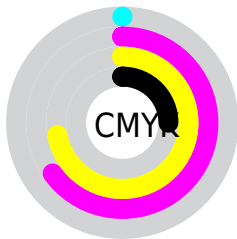
Blue (21%)



Red (75%)

Yellow (26%)

Blue (21%)

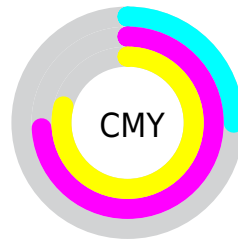


Cyan (0%)

Magenta (65%)

Yellow (72%)

Black (25%)



Cyan (25%)


Magenta (74%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.8493, 15.1099, 5.1495 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 23.8493, 15.1099, 5.1495 by changing the saturation by 10% instead.


 23.8493, 15.1099,
5.1495


 23.8493, 15.1099,
5.1495


264.5123,
224.0305, 160.2540


 15.3460, 8.8966,
2.2750


 49.2406, 35.0459,
16.5844


 9.1505, 4.6738,
0.7171


 66.8594, 49.5373,
25.9818


 4.8974, 2.0572,
0.0000

 88.2473, 67.5568,
38.3905

 2.2213, 0.6404,
0.0000

 113.7698, 89.4889,
54.2292

 0.7539, 0.0000,
0.0000

 143.7922,
115.7179, 73.9164

 0.0000, 0.0000,
0.0000

 178.6798,

146.6282, 97.8706

218.7981,
182.6043, 126.5102

■ 23.8493, 15.1099,
5.1495

■ 23.8493, 15.1099,
5.1495

■ 22.6237, 13.2388,
2.9531

■ 25.5563, 17.6653,
8.3662

■ 21.8282, 11.9835,
1.6528

■ 27.7869, 20.9599,
12.7064

■ 21.4321, 11.3411,
1.0594

■ 30.5799, 25.0458,
18.2616

■ 33.9700, 29.9699,
25.1136

■ 37.9891, 35.7753,
33.3370

■ 42.6670, 42.5022,
43.0009

■ 48.0314, 50.1882,
54.1696

■ 54.1085, 58.8689,
66.9037

■ 60.9231, 68.5781,
81.2602

Harmonies

Analogous

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



26.3182, 15.1099, 14.2050



23.8493, 15.1099, 5.1495



18.8720, 15.1099, 1.9561

Triad

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



23.8493, 15.1099, 5.1495



7.2622, 15.1099, 7.2710



15.2007, 15.1099, 62.3778

Complementary

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



23.8493, 15.1099, 5.1495



26.7345, 36.3398, 54.3202

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.



10.6339, 15.1099, 56.4498



23.8493, 15.1099, 5.1495



6.7180, 15.1099, 18.9245

Square

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



23.8493, 15.1099, 5.1495



9.5089, 15.1099, 2.5834



7.7974, 15.1099, 37.9284



20.6350, 15.1099, 51.2539

Rectangle

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



23.8493, 15.1099, 5.1495



15.2419, 15.1099, 1.4099



7.7974, 15.1099, 37.9284



13.5156, 15.1099, 62.3536

Sweetspot

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



23.8496, 15.1108, 5.1497



69.0302, 65.1015, 60.7986



30.6573, 16.8267, 44.1032



14.6836, 13.6111, 12.3754



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.



23.8496, 15.1108, 5.1497



40.0711, 22.5407, 3.8002



30.3342, 28.0799, 7.3113



9.5961, 9.6682, 9.9370



14.2767, 7.5922, 0.7130



0.5824, 0.3438, 0.0357

Inverse Universe

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



26.7345, 36.3398, 54.3202



45.4235, 62.8884, 98.0237



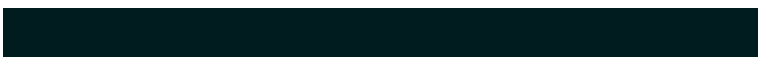
16.4637, 15.7983, 50.8966



9.7346, 10.6615, 12.2170



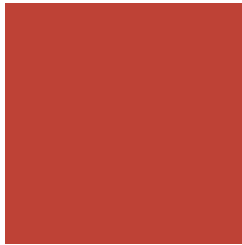
16.1749, 22.4615, 35.8759



0.6549, 0.9225, 1.4124

Previews

White Background



This preview shows how the XYZ color 23.8493, 15.1099, 5.1495 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 23.8493, 15.1099, 5.1495 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 23.8493, 15.1099, 5.1495

Background



This preview shows how black text looks on a background with the XYZ color 23.8493, 15.1099, 5.1495.



This preview shows how white text looks on a background with the XYZ color 23.8493, 15.1099,

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

23.8493, 15.1099, 5.1495

Protanopia

14.1506, 15.2889, 7.8355

Deuteranopia

15.4551, 15.2568, 4.8196



Tritanopia

24.3626, 15.1605, 7.1111

Trichromacy



Original Color

23.8493, 15.1099, 5.1495

Protanomaly

16.5168, 14.2186, 6.7244

Deuteranomaly

17.7495, 14.5112, 4.8831

Tritanomaly

24.2734, 15.2158, 6.3602

Monochromacy



Original Color

23.8493, 15.1099, 5.1495

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

15.0436, 12.8690, 10.2854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8493, 15.1099, 5.1495 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(190, 66, 54)` looks like.

```
.text, #text, p{  
    color:rgb(190, 66, 54)  
}
```

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(190, 66, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 66, 54) }
```

Border

The CSS property to change the border of an element to XYZ 23.8493, 15.1099, 5.1495 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(190, 66, 54) }
```


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

```
.border{ border-color:rgb(190, 66, 54) }
```

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

Here you see how a box with a 4 pixel rgb(190, 66, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 66, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 66, 54);  
box-shadow:4px 4px 4px 4px rgb(190, 66,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8493, 15.1099, 5.1495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 66, 54) }
```

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

```
.background{ background-color: rgb(190, 66,  
54) }
```

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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