

Converting Colors

XYZ(23.6214, 15.9825, 5.5942)

Have a look what the booklet for
XYZ(23.6214, 15.9825, 5.5942)
contains.

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Color

**XYZ(23.6174, 16.0324,
5.5912)**

Conversions

Conversions Part 1

Format	Color
Hex	BA4D38
RGB	186, 77, 56
RGB Percent	73%, 30%, 22%
CMY	0.2706, 0.6980, 0.7804
CMYK	0.00, 0.59, 0.70, 0.27
HSL	10°, 54%, 47%
HSV	10°, 70%, 73%
XYZ	23.6174, 16.0324, 5.5912
YIQ	107.1970, 71.7050, 16.5770

Conversions

Conversions Part 2

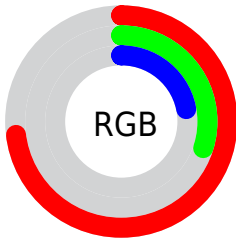
Format	Color
RYB	186, 81, 56
Decimal	12209464
CIELab	47.02, 42.72, 34.31
CIELCh	47, 54.790, 38.773
Yxy	16.0324, 0.5220, 0.3544
Android (android.graphics.Color)	4290399544 (0xFFBA4D38)
YUV	107.1970, -25.2401, 69.1102
Hunter-Lab	40.0405, 35.2153, 19.7492

Details

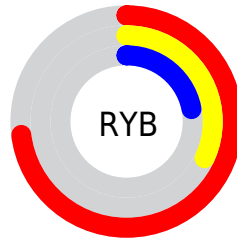
The XYZ color **23.6174, 16.0324, 5.5912** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **23.9478, 31.2939, 51.2322**, and the grayscale version is **14.0844, 14.8179, 16.1367**.

A 20% lighter version of the original color is **48.8391, 36.7389, 17.6139**, and **8.9769, 5.0750, 0.8543** is the 20% darker color. If you saturate the color by 10%, you get **22.2807, 13.9568, 3.3031**, and if you desaturate by 10%, it is **25.3854, 18.7005, 8.8568**.

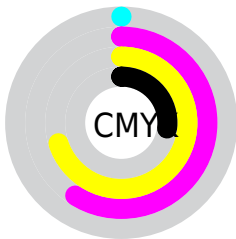
Distribution



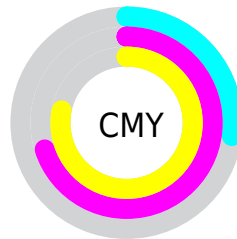
- Red (73%)
- Green (30%)
- Blue (22%)



- Red (73%)
- Yellow (32%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (70%)
- Black (27%)



- Cyan (27%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6174, 16.0324, 5.5912 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 23.6174, 16.0324, 5.5912 by changing the saturation by 10% instead.

■ 23.6174, 16.0324,
5.5912

■ 23.6174, 16.0324,
5.5912

263.3570,
229.5328, 164.5425

■ 15.1732, 9.5471,
2.5334

■ 48.8644, 36.6544,
17.5391

■ 9.0282, 5.0997,
0.8578

■ 66.3979, 51.5600,
27.2663

■ 4.8168, 2.3059,
0.0000

■ 87.6919, 70.0410,
40.0536

■ 2.1738, 0.7768,
0.0000

■ 113.1118, 92.4820,
56.3197

■ 0.7289, 0.0000,
0.0000

■ 143.0229,
119.2672, 76.4831

■ 0.0000, 0.0000,
0.0000

■ 177.7905,

150.7812, 100.9624

217.7801,
187.4083, 130.1760

■ 23.6174, 16.0324,
5.5912

■ 23.6174, 16.0324,
5.5912

■ 22.2807, 13.9568,
3.3031

■ 25.3854, 18.7005,
8.8568

■ 21.3353, 12.4252,
1.8810

■ 27.6175, 21.9994,
13.1934

■ 20.7206, 11.3794,
1.1101

■ 30.3445, 25.9673,
18.6841

■ 20.7152, 11.3704,
1.1029

■ 33.5942, 30.6384,
25.4037

■ 37.3924, 36.0448,
33.4207

■ 41.7628, 42.2164,
42.7985

■ 46.7282, 49.1815,
53.5965

■ 52.3099, 56.9670,
65.8703

■ 58.5280, 65.5984,
79.6726

Harmonies

Analogous

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



26.2893, 16.0324, 13.7304



23.6174, 16.0324, 5.5912



18.8268, 16.0324, 2.5979

Triad

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



23.6174, 16.0324, 5.5912



8.1576, 16.0324, 9.5344



16.6885, 16.0324, 58.7256

Complementary

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



23.6174, 16.0324, 5.5912



23.9478, 31.2939, 51.2322

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.



12.1375, 16.0324, 55.4590



23.6174, 16.0324, 5.5912



7.8210, 16.0324, 21.8023

Square

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



23.6174, 16.0324, 5.5912



10.1623, 16.0324, 3.9011



9.1204, 16.0324, 39.7676



21.7732, 16.0324, 47.2016

Rectangle

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



23.6174, 16.0324, 5.5912



15.4366, 16.0324, 2.1280



9.1204, 16.0324, 39.7676



15.0417, 16.0324, 59.4083

Sweetspot

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



23.6178, 16.0333, 5.5915



66.7106, 63.8222, 58.3112



28.5927, 16.0390, 37.9060



14.2570, 13.4383, 11.9219



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.



23.6178, 16.0333, 5.5915



39.3603, 23.6548, 4.3900



30.4147, 29.6272, 7.8571



9.1187, 9.2404, 9.4099



13.9739, 7.7241, 0.7544



0.5295, 0.3460, 0.0389

Inverse Universe

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



23.9478, 31.2939, 51.2322



39.7834, 52.6347, 92.2641



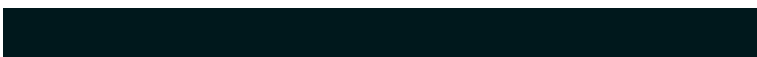
15.1963, 13.7908, 48.3150



9.1398, 9.9568, 11.5196



14.0007, 18.4611, 34.0785



0.5270, 0.7176, 1.2125

Previews

White Background



This preview shows how the XYZ color 23.6174, 16.0324, 5.5912 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 23.6174, 16.0324, 5.5912 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 23.6174, 16.0324, 5.5912

Background



This preview shows how black text looks on a background with the XYZ color 23.6174, 16.0324, 5.5912.



This preview shows how white text looks on a background with the XYZ color 23.6174, 16.0324,

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

23.6174, 16.0324, 5.5912

Protanopia

15.0059, 16.2166, 7.8081

Deuteranopia

16.4809, 16.2346, 5.2826



Tritanopia

24.3536, 16.0269, 9.2071

Trichromacy



Original Color

23.6174, 16.0324, 5.5912

Protanomaly

17.2413, 15.4048, 6.9152

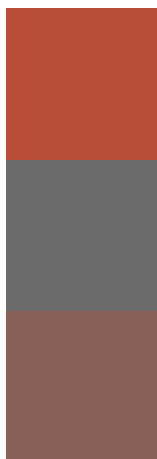
Deuteranomaly

18.5130, 15.6816, 5.2999

Tritanomaly

24.1469, 16.0519, 7.7869

Monochromacy



Original Color

23.6174, 16.0324, 5.5912

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.0977, 14.3046, 11.1451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6174, 16.0324, 5.5912 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(186, 77, 56)` looks like.

```
.text, #text, p{  
    color:rgb(186, 77, 56)  
}
```

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(186, 77, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 77, 56) }
```

Border

The CSS property to change the border of an element to XYZ 23.6174, 16.0324, 5.5912 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(186, 77, 56) }
```


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

```
.border{ border-color:rgb(186, 77, 56) }
```

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

Here you see how a box with a 4 pixel rgb(186, 77, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 77, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 77, 56);  
box-shadow:4px 4px 4px 4px rgb(186, 77,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6174, 16.0324, 5.5912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 77, 56) }
```

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

```
.background{ background-color: rgb(186, 77,  
56) }
```

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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