

Converting Colors

XYZ(23.8361, 15.7242, 1.9511)

Have a look what the booklet for
XYZ(23.8361, 15.7242, 1.9511)
contains.

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Color

**XYZ(23.8361, 15.7242,
1.9511)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4806
RGB	191, 72, 6
RGB Percent	75%, 28%, 2%
CMY	0.2510, 0.7176, 0.9765
CMYK	0.00, 0.62, 0.97, 0.25
HSL	21°, 94%, 39%
HSV	21°, 97%, 75%
XYZ	23.8361, 15.7242, 1.9511
YIQ	100.0570, 92.1100, 4.7020

Conversions

Conversions Part 2

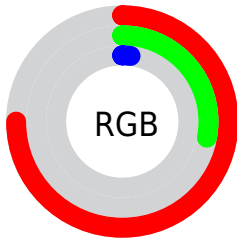
Format	Color
R_{YB}	191, 109, 6
Decimal	12535814
CIE _{Lab}	46.61, 45.44, 55.61
CIE _{LCh}	47, 71.813, 50.751
Yxy	15.7242, 0.5742, 0.3788
Android (android.graphics.Color)	4290725894 (0xFFBF4806)
YUV	100.0570, -46.3701, 79.7570
Hunter-Lab	39.6538, 37.9033, 24.8404

Details

The XYZ color **23.8361, 15.7242, 1.9511** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **16.8122, 18.4667, 51.9682**, and the grayscale version is **12.2266, 12.8633, 14.0082**.

A 20% lighter version of the original color is **49.0762, 36.0859, 8.9361**, and **9.2103, 4.9812, 0.4760** is the 20% darker color. If you saturate the color by 10%, you get **23.5616, 15.2281, 1.6975**, and if you desaturate by 10%, it is **24.8554, 17.5331, 2.9998**.

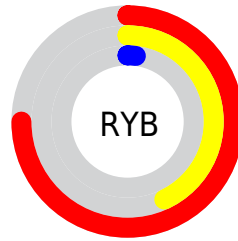
Distribution



Red (75%)

Green (28%)

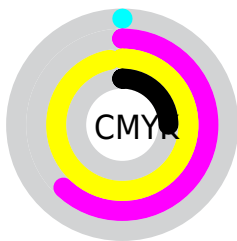
Blue (2%)



Red (75%)

Yellow (43%)

Blue (2%)

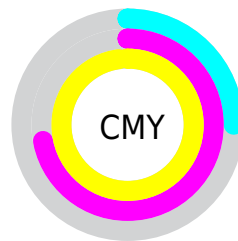


Cyan (0%)

Magenta (62%)

Yellow (97%)

Black (25%)



Cyan (25%)

Magenta (72%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8361, 15.7242, 1.9511 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 23.8361, 15.7242, 1.9511 by changing the saturation by 10% instead.

■ 23.8361, 15.7242,
1.9511

■ 23.8361, 15.7242,
1.9511

■ 264.4467,
227.7087, 121.6128

■ 15.3362, 9.3292,
0.5250

■ 49.2192, 36.1187,
8.9067

■ 9.1435, 4.9565,
0.0000

■ 66.8331, 50.8871,
15.3365

■ 4.8928, 2.2218,
0.0000

■ 88.2157, 69.2153,
24.2925

■ 2.2186, 0.7318,
0.0000

■ 113.7324, 91.4878,
36.1931


■ 0.7525, 0.0000,
0.0000


■ 143.7485,
118.0890, 51.4569


■ 0.0000, 0.0000,
0.0000


■ 178.6293,


149.4033, 70.5024


 218.7403,
185.8151, 93.7482


 23.8361, 15.7242,
1.9511


 23.8361, 15.7242,
1.9511


 23.5616, 15.2281,
1.6975

 24.8554, 17.5331,
2.9998

 26.1800, 19.7313,
4.8317

 27.8455, 22.3468,
7.5930

 29.8796, 25.4026,
11.3919

 32.3066, 28.9200,
16.3212

■ 35.1484, 32.9185,
22.4635

■ 38.4253, 37.4165,
29.8935

■ 42.1560, 42.4312,
38.6799

■ 46.3581, 47.9791,
48.8864

Harmonies

Analogous

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



29.1089, 15.7242, 7.6438



23.8361, 15.7242, 1.9511



16.9461, 15.7242, 0.6630

Triad

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



23.8361, 15.7242, 1.9511



5.9916, 15.7242, 12.1956



19.5838, 15.7242, 73.0731

Complementary

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



23.8361, 15.7242, 1.9511



16.8122, 18.4667, 51.9682

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.



13.1087, 15.7242, 77.8368



23.8361, 15.7242, 1.9511



6.3344, 15.7242, 32.3055

Square

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



23.8361, 15.7242, 1.9511



7.4792, 15.7242, 3.3251



8.5964, 15.7242, 59.5550



26.2195, 15.7242, 49.1151

Rectangle

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



23.8361, 15.7242, 1.9511



12.8283, 15.7242, 0.6859



8.5964, 15.7242, 59.5550



17.2834, 15.7242, 77.4105

Sweetspot

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



23.8364, 15.7251, 1.9514



67.2160, 64.8291, 49.8473



25.3330, 12.7195, 20.9436



14.2016, 13.4698, 9.6788



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.



23.8364, 15.7251, 1.9514



41.9916, 26.8584, 2.9710



34.6603, 37.3728, 5.5593



9.8012, 10.0785, 10.0054



15.5542, 10.1472, 1.1388



0.6718, 0.5226, 0.0655

Inverse Universe

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



16.8122, 18.4667, 51.9682



29.2579, 31.5677, 92.8303



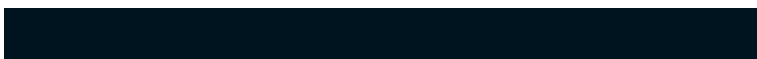
10.0441, 4.9303, 49.7121



9.5144, 10.2212, 12.1436



10.9014, 11.9145, 34.1181



0.4867, 0.5860, 1.3563

Previews

White Background



This preview shows how the XYZ color 23.8361, 15.7242, 1.9511 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 23.8361, 15.7242, 1.9511 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 23.8361, 15.7242, 1.9511

Background



This preview shows how black text looks on a background with the XYZ color 23.8361, 15.7242, 1.9511.



This preview shows how white text looks on a background with the XYZ color 23.8361, 15.7242,

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

23.8361, 15.7242, 1.9511

Protanopia

14.3779, 15.9988, 2.9921

Deuteranopia

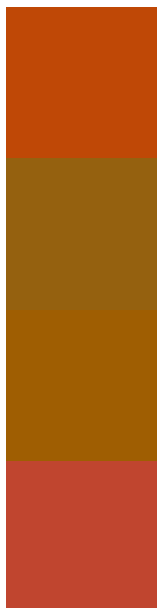
15.9693, 15.8835, 2.2242



Tritanopia

25.1368, 15.8067, 7.6874

Trichromacy



Original Color

23.8361, 15.7242, 1.9511

Protanomaly

16.7553, 14.9734, 2.4590

Deuteranomaly

18.3117, 15.3807, 2.0611

Tritanomaly

24.3794, 15.6679, 4.4286

Monochromacy



Original Color

23.8361, 15.7242, 1.9511

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

14.3124, 12.6922, 6.8498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8361, 15.7242, 1.9511 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(191, 72, 6)` looks like.

```
.text, #text, p{  
    color:rgb(191, 72, 6)  
}
```

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(191, 72, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 72, 6) }
```

Border

The CSS property to change the border of an element to XYZ 23.8361, 15.7242, 1.9511 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(191, 72, 6) }
```


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

```
.border{ border-color:rgb(191, 72, 6) }
```

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

Here you see how a box with a 4 pixel rgb(191, 72, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 72, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 72, 6);  
box-shadow:4px 4px 4px 4px rgb(191, 72, 6)  
}
```

Background

The CSS property to change the background color of an element to XYZ 23.8361, 15.7242, 1.9511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 72, 6) }
```

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

```
.background{ background-color: rgb(191, 72,  
6) }
```

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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