

Converting Colors

XYZ(23.8708, 18.9158, 3.0091)

Have a look what the booklet for
XYZ(23.8708, 18.9158, 3.0091)
contains.

XYZ(23.8708, 18.9158, 3.0091)	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(23.8708, 18.9158,
3.0091)**

Conversions

Conversions Part 1

Format	Color
Hex	B66313
RGB	182, 99, 19
RGB Percent	71%, 39%, 7%
CMY	0.2863, 0.6117, 0.9255
CMYK	0.00, 0.46, 0.90, 0.29
HSL	29°, 81%, 39%
HSV	29°, 90%, 71%
XYZ	23.8708, 18.9158, 3.0091
YIQ	114.6970, 75.1480, -7.2840

Conversions

Conversions Part 2

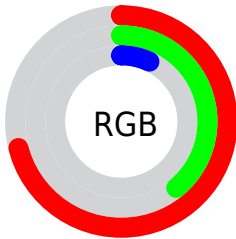
Format	Color
R_{YB}	182, 176, 19
Decimal	11952915
CIE Lab	50.59, 28.44, 54.34
CIE LCh	51, 61.334, 62.372
Yxy	18.9158, 0.5212, 0.4130
Android (android.graphics.Color)	4290142995 (0xFFB66313)
YUV	114.6970, -47.1786, 59.0247
Hunter-Lab	43.4923, 21.8584, 26.3425

Details

The XYZ color **23.8708, 18.9158, 3.0091** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **13.4632, 13.0181, 46.0588**, and the grayscale version is **16.3269, 17.1772, 18.7060**.

A 20% lighter version of the original color is **49.2314, 41.6689, 11.7515**, and **9.3522, 6.5786, 0.7769** is the 20% darker color. If you saturate the color by 10%, you get **22.9298, 17.2151, 2.1374**, and if you desaturate by 10%, it is **25.0198, 20.8626, 4.4753**.

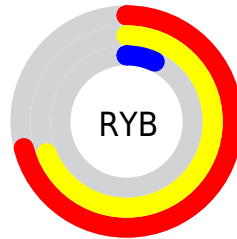
Distribution



Red (71%)

Green (39%)

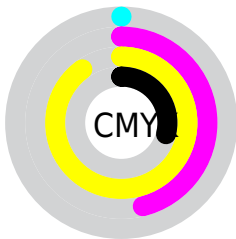
Blue (7%)



Red (71%)

Yellow (69%)

Blue (7%)

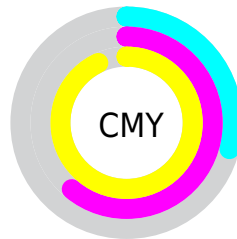


Cyan (0%)

Magenta (46%)

Yellow (90%)

Black (29%)



Cyan (29%)


Magenta (61%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.8708, 18.9158, 3.0091 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 23.8708, 18.9158, 3.0091 by changing the saturation by 10% instead.


 23.8708, 18.9158,
3.0091


 23.8708, 18.9158,
3.0091


264.6192,
245.9835, 136.4764


 15.3620, 11.6095,
1.0993


 49.2755, 41.5918,
11.6509

 9.1618, 6.4783,
0.0000


 66.9021, 57.7302,
19.2199

 4.9048, 3.1381,
0.0000

 88.2987, 77.5814,
29.5125

 2.2257, 1.2042,
0.0000

 113.8307,
101.5298, 42.9470

 0.7562, 0.0652,
0.0000

 143.8634,
129.9599, 59.9422

 0.0000, 0.0000,
0.0000

 178.7622,

163.2559, 80.9164

218.8923,
201.8023, 106.2883

23.8708, 18.9158,
3.0091

23.8708, 18.9158,
3.0091

22.9298, 17.2151,
2.1374

25.0198, 20.8626,
4.4753

22.8911, 17.1447,
2.1028

26.4149, 23.0735,
6.7268

28.0784, 25.5630,
9.8631

30.0290, 28.3434,
13.9684

32.2835, 31.4260,
19.1172

■ 34.8571, 34.8212,
25.3764

■ 37.7641, 38.5390,
32.8074

■ 41.0175, 42.5887,
41.4670

■ 44.6298, 46.9793,
51.4082

Harmonies

Analogous

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



29.5760, 18.9158, 7.4957



23.8708, 18.9158, 3.0091



17.5060, 18.9158, 2.0873

Triad

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



23.8708, 18.9158, 3.0091



8.7467, 18.9158, 21.9929



24.8830, 18.9158, 62.9459

Complementary

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



23.8708, 18.9158, 3.0091



13.4632, 13.0181, 46.0588

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.



18.4602, 18.9158, 74.3131



23.8708, 18.9158, 3.0091



9.8956, 18.9158, 43.8071

Square

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



23.8708, 18.9158, 3.0091



9.5786, 18.9158, 8.7680



13.1463, 18.9158, 65.8676



30.2459, 18.9158, 40.0083

Rectangle

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



23.8708, 18.9158, 3.0091



13.9390, 18.9158, 2.6681



13.1463, 18.9158, 65.8676



22.7324, 18.9158, 68.6832

Sweetspot

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



23.8712, 18.9168, 3.0094



64.2527, 64.4984, 48.6588



21.9833, 11.3945, 13.9302



13.8170, 13.7602, 9.8106



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.



23.8712, 18.9168, 3.0094



41.2666, 30.6132, 3.7340



35.5857, 42.3457, 6.9142



9.3588, 9.7205, 9.4899



16.2318, 12.2400, 1.5070



0.6342, 0.5554, 0.0738

Inverse Universe

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



13.4632, 13.0181, 46.0588



22.1152, 19.7376, 82.8799



8.9937, 4.0791, 44.5689



8.8889, 9.4551, 11.4360



8.7733, 8.0063, 32.3360



0.3711, 0.4058, 1.1605

Previews

White Background



This preview shows how the XYZ color 23.8708, 18.9158, 3.0091 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 23.8708, 18.9158, 3.0091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

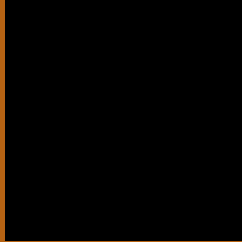
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8708, 18.9158, 3.0091

Background



This preview shows how black text looks on a background with the XYZ color 23.8708, 18.9158, 3.0091.



This preview shows how white text looks on a background with the XYZ color 23.8708, 18.9158,

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

23.8708, 18.9158, 3.0091

Protanopia

17.1662, 18.9792, 3.6783

Deuteranopia

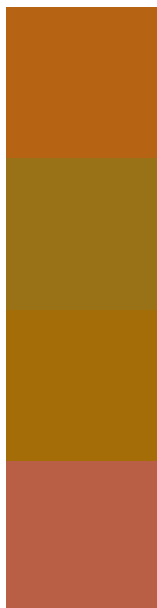
19.2676, 19.0338, 2.6584



Tritanopia

26.0869, 18.8694, 14.0716

Trichromacy



Original Color

23.8708, 18.9158, 3.0091

Protanomaly

19.1967, 18.6444, 3.3976

Deuteranomaly

20.8168, 18.8451, 2.7413

Tritanomaly

24.9649, 18.8170, 8.1106

Monochromacy



Original Color

23.8708, 18.9158, 3.0091

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.5641, 17.0054, 9.9461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8708, 18.9158, 3.0091 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, 19)` looks like.

```
.text, #text, p{  
    color:rgb(182, 99, 19)  
}
```

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, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 99, 19) }
```

Border

The CSS property to change the border of an element to XYZ 23.8708, 18.9158, 3.0091 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, 19) }
```


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

```
.border{ border-color:rgb(182, 99, 19) }
```

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, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 99, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 99, 19);  
box-shadow:4px 4px 4px 4px rgb(182, 99,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8708, 18.9158, 3.0091 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, 19) }
```

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

```
.background{ background-color: rgb(182, 99,  
19) }
```

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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