

Converting Colors

XYZ(23.8293, 18.7652, 8.8447)

Have a look what the booklet for
XYZ(23.8293, 18.7652, 8.8447)
contains.

XYZ(23.8293, 18.7652, 8.8447)	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(23.8293, 18.7652,
8.8447)**

Conversions

Conversions Part 1

Format	Color
Hex	B1634A
RGB	177, 99, 74
RGB Percent	69%, 39%, 29%
CMY	0.3059, 0.6117, 0.7098
CMYK	0.00, 0.44, 0.58, 0.31
HSL	15°, 41%, 49%
HSV	15°, 58%, 69%
XYZ	23.8293, 18.7652, 8.8447
YIQ	119.4720, 54.5130, 8.7610

Conversions

Conversions Part 2

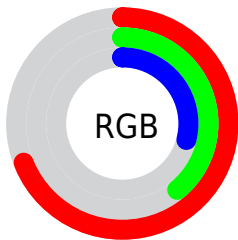
Format	Color
RYB	177, 107, 74
Decimal	11625290
CIELab	50.41, 29.02, 27.89
CIElCh	50, 40.248, 43.855
Yxy	18.7652, 0.4633, 0.3648
Android (android.graphics.Color)	4289815370 (0xFFB1634A)
YUV	119.4720, -22.4177, 50.4521
Hunter-Lab	43.3188, 22.3833, 18.2175

Details

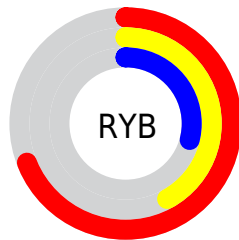
The XYZ color **23.8293, 18.7652, 8.8447** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **21.9873, 27.0851, 45.6638**, and the grayscale version is **17.7417, 18.6656, 20.3269**.

A 20% lighter version of the original color is **49.2338, 41.3961, 24.1342**, and **9.1081, 6.3630, 1.9105** is the 20% darker color. If you saturate the color by 10%, you get **22.1487, 16.2278, 5.7450**, and if you desaturate by 10%, it is **25.8894, 21.7932, 12.8988**.

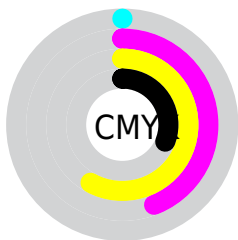
Distribution



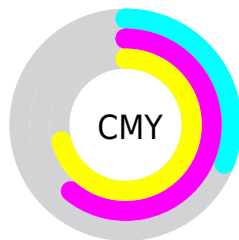
- Red (69%)
- Green (39%)
- Blue (29%)



- Red (69%)
- Yellow (42%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (58%)
- Black (31%)





- Cyan (31%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.8293, 18.7652, 8.8447 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 23.8293, 18.7652, 8.8447 by changing the saturation by 10% instead.


 23.8293, 18.7652,
8.8447


 23.8293, 18.7652,
8.8447


264.4129,
245.1495, 192.3903


 15.3311, 11.5007,
4.5446


 49.2082, 41.3370,
24.1714


 9.1399, 6.4047,
1.9286


 66.8196, 57.4131,
36.0352

 4.8904, 3.0927,
0.5108

 88.1995, 77.1952,
51.2572

 2.2172, 1.1803,
0.0000

 113.7131,
101.0676, 70.2560

 0.7518, 0.0455,
0.0000

 143.7259,
129.4149, 93.4502

 0.0000, 0.0000,
0.0000

178.6033,

162.6214, 121.2583

218.7104,
201.0714, 154.0988

■ 23.8293, 18.7652,
8.8447

■ 23.8293, 18.7652,
8.8447

■ 22.1487, 16.2278,
5.7450

■ 25.8894, 21.7932,
12.8988

■ 20.8212, 14.1514,
3.5191

■ 28.3501, 25.3334,
17.9771

■ 19.8193, 12.5078,
2.0743

■ 31.2324, 29.4094,
24.1437

■ 19.1023, 11.2610,
1.2587

■ 34.5556, 34.0427,
31.4573

■ 18.9941, 11.0725,
1.1361

■ 38.3375, 39.2535,
39.9724

■ 42.5952, 45.0608,
49.7400

■ 47.3446, 51.4830,
60.8080

■ 52.6011, 58.5376,
73.2219

■ 58.3792, 66.2413,
87.0251

Harmonies

Analogous

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



26.1825, 18.7652, 15.6948



23.8293, 18.7652, 8.8447



20.0106, 18.7652, 5.9374

Triad

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



23.8293, 18.7652, 8.8447



11.5413, 18.7652, 15.0074



19.6986, 18.7652, 49.3023

Complementary

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



23.8293, 18.7652, 8.8447



21.9873, 27.0851, 45.6638

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.



15.8245, 18.7652, 48.9024



23.8293, 18.7652, 8.8447



11.4832, 18.7652, 26.0380

Square

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



23.8293, 18.7652, 8.8447



13.1147, 18.7652, 8.5008



12.9423, 18.7652, 39.2903



23.5723, 18.7652, 40.2395

Rectangle

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



23.8293, 18.7652, 8.8447



17.3347, 18.7652, 5.5929



12.9423, 18.7652, 39.2903



18.3463, 18.7652, 50.3497

Sweetspot

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



23.8298, 18.7662, 8.8450



62.4644, 61.7677, 57.6237



26.3272, 16.5436, 31.9281



13.2695, 13.0153, 11.8923



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



23.8298, 18.7662, 8.8450



38.8892, 27.8617, 8.9340



30.1994, 31.5055, 10.9683



8.6584, 8.8292, 8.9004



13.8029, 8.1043, 0.8368



0.4805, 0.3475, 0.0417

Inverse Universe

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



21.9873, 27.0851, 45.6638



35.1784, 43.9888, 81.1319



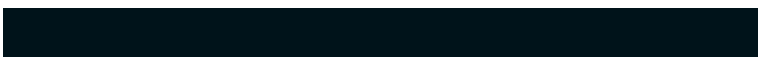
15.4591, 14.0286, 43.4877



8.5644, 9.2750, 10.8452



11.9787, 14.7578, 32.3542



0.4191, 0.5487, 1.0321

Previews

White Background



This preview shows how the XYZ color 23.8293, 18.7652, 8.8447 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 23.8293, 18.7652, 8.8447 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 23.8293, 18.7652, 8.8447

Background



This preview shows how black text looks on a background with the XYZ color 23.8293, 18.7652, 8.8447.



This preview shows how white text looks on a background with the XYZ color 23.8293, 18.7652,

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

23.8293, 18.7652, 8.8447

Protanopia

17.4454, 18.7880, 10.6896

Deuteranopia

19.1221, 18.8274, 8.5874



Tritanopia

25.0809, 18.7274, 14.8632

Trichromacy



Original Color

23.8293, 18.7652, 8.8447

Protanomaly

19.2381, 18.3559, 9.9262

Deuteranomaly

20.5430, 18.5733, 8.6332

Tritanomaly

24.4747, 18.6034, 12.4261

Monochromacy



Original Color

23.8293, 18.7652, 8.8447

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.0576, 18.1431, 15.3295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8293, 18.7652, 8.8447 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(177, 99, 74)` looks like.

```
.text, #text, p{  
    color:rgb(177, 99, 74)  
}
```

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(177, 99, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 99, 74) }
```

Border

The CSS property to change the border of an element to XYZ 23.8293, 18.7652, 8.8447 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(177, 99, 74) }
```


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

```
.border{ border-color:rgb(177, 99, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 99, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 99, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 99, 74);  
box-shadow:4px 4px 4px 4px rgb(177, 99,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8293, 18.7652, 8.8447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 99, 74) }
```

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

```
.background{ background-color: rgb(177, 99,  
74) }
```

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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