

Converting Colors

XYZ(17.9311, 23.7741, 3.9367)

Have a look what the booklet for
XYZ(17.9311, 23.7741, 3.9367)
contains.

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Color

**XYZ(17.9033, 23.8044,
3.9383)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8F0A
RGB	122, 143, 10
RGB Percent	48%, 56%, 4%
CMY	0.5216, 0.4392, 0.9607
CMYK	0.15, 0.00, 0.93, 0.44
HSL	69°, 87%, 30%
HSV	69°, 93%, 56%
XYZ	17.9033, 23.8044, 3.9383
YIQ	121.5590, 30.1770, -45.8150

Conversions

Conversions Part 2

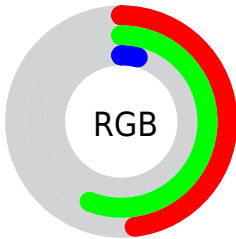
Format	Color
RYB	10, 143, 31
Decimal	8032010
CIELab	55.89, -23.26, 57.81
CIELCh	56, 62.312, 111.918
Yxy	23.8044, 0.3922, 0.5215
Android (android.graphics.Color)	4286222090 (0xFF7A8F0A)
YUV	121.5590, -54.9986, 0.3868
Hunter-Lab	48.7898, -19.8819, 29.3669

Details

The XYZ color **17.9033, 23.8044, 3.9383** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.6324, 2.4922, 26.1722**, and the grayscale version is **18.5224, 19.4870, 21.2213**.

A 20% lighter version of the original color is **39.5289, 49.8785, 13.8475**, and **6.3686, 9.0939, 1.4196** is the 20% darker color. If you saturate the color by 10%, you get **17.6269, 23.6690, 3.6395**, and if you desaturate by 10%, it is **18.3407, 24.0176, 4.5505**.

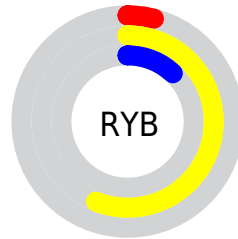
Distribution



Red (48%)

Green (56%)

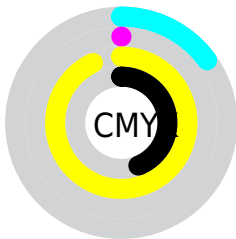
Blue (4%)



Red (4%)

Yellow (56%)

Blue (12%)

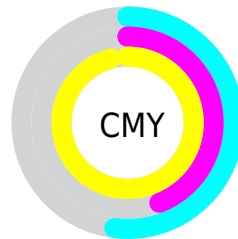


Cyan (15%)

Magenta (0%)

Yellow (93%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9033, 23.8044, 3.9383 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 17.9033, 23.8044, 3.9383 by changing the saturation by 10% instead.

■ 17.9033, 23.8044,
3.9383

■ 17.9033, 23.8044,
3.9383

233.3816,
271.8301, 147.5371

■ 10.9799, 15.1886,
1.5916

■ 39.4039, 49.7108,
13.8672

■ 6.1205, 8.9518,
0.2848

■ 54.7117, 67.7702,
22.2865

■ 2.9598, 4.7098,
0.0000

■ 73.5450, 89.7463,
33.5670

■ 1.1326, 2.0780,
0.0000

■ 96.2692, 116.0234,
48.1272

■ 0.0521, 0.6522,
0.0000

■ 123.2496,
146.9859, 66.3859

■ 0.0000, 0.0000,
0.0000

■ 154.8515,

183.0183, 88.7613

191.4404,
224.5049, 115.6722

17.9033, 23.8044,
3.9383

17.9033, 23.8044,
3.9383

17.6269, 23.6690,
3.6395

18.3407, 24.0176,
4.5505

18.8634, 24.2649,
5.5754

19.4828, 24.5518,
7.0698

20.2078, 24.8818,
9.0815

21.0466, 25.2582,
11.6521

■ 22.0063, 25.6838,
14.8192

■ 23.0934, 26.1613,
18.6171

■ 24.3140, 26.6931,
23.0775

■ 25.6738, 27.2815,
28.2299

Harmonies

Analogous

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



24.5990, 23.8044, 3.2843



17.9033, 23.8044, 3.9383



13.4926, 23.8044, 8.5120

Triad

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



17.9033, 23.8044, 3.9383



15.2078, 23.8044, 70.4691



39.0078, 23.8044, 31.8121

Complementary

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



17.9033, 23.8044, 3.9383



5.6324, 2.4922, 26.1722

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.



35.1592, 23.8044, 58.2776



17.9033, 23.8044, 3.9383



20.7602, 23.8044, 87.0793

Square

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



17.9033, 23.8044, 3.9383



12.1782, 23.8044, 43.4199



28.1123, 23.8044, 81.7257



37.7970, 23.8044, 13.8943

Rectangle

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



17.9033, 23.8044, 3.9383



11.9726, 23.8044, 15.5810



28.1123, 23.8044, 81.7257



38.2386, 23.8044, 40.0430

Sweetspot

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



17.9038, 23.8055, 3.9388



40.2369, 46.3584, 29.3918



11.8464, 6.7885, 0.9734



9.0580, 10.5565, 6.1567



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.9038, 23.8055, 3.9388



31.4465, 42.3241, 6.5120



11.5402, 20.5249, 3.6410



5.7571, 6.2429, 5.7909



15.5990, 20.9342, 3.2185



0.1637, 0.2076, 0.0315

Inverse Universe

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



5.6324, 2.4922, 26.1722



9.3969, 3.8186, 46.7798



9.9389, 4.7123, 26.3737



5.2040, 5.2934, 6.7762



4.7004, 1.9167, 23.0993



0.0570, 0.0246, 0.2214

Previews

White Background



This preview shows how the XYZ color 17.9033, 23.8044, 3.9383 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 17.9033, 23.8044, 3.9383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

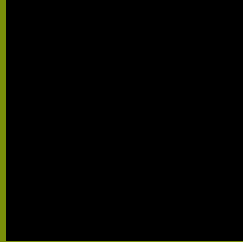
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9033, 23.8044, 3.9383

Background



This preview shows how black text looks on a background with the XYZ color 17.9033, 23.8044, 3.9383.



This preview shows how white text looks on a background with the XYZ color 17.9033, 23.8044,

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

17.9033, 23.8044, 3.9383

Protanopia

21.2876, 23.6295, 3.4390

Deuteranopia

24.1380, 23.6883, 4.2774



Tritanopia

23.0183, 23.7448, 29.3566

Trichromacy



Original Color

17.9033, 23.8044, 3.9383

Protanomaly

19.7828, 23.4755, 3.6034

Deuteranomaly

21.4627, 23.5010, 4.0668

Tritanomaly

20.0645, 23.3847, 14.2827

Monochromacy



Original Color

17.9033, 23.8044, 3.9383

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.4939, 20.6969, 10.8575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9033, 23.8044, 3.9383 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(122, 143, 10)` looks like.

```
.text, #text, p{  
    color:rgb(122, 143, 10)  
}
```

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(122, 143, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 143, 10) }
```

Border

The CSS property to change the border of an element to XYZ 17.9033, 23.8044, 3.9383 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(122, 143, 10) }
```


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

```
.border{ border-color:rgb(122, 143, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 143, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 143, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 143, 10);  
box-shadow:4px 4px 4px 4px rgb(122, 143,  
10) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9033, 23.8044, 3.9383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 143, 10) }
```

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

```
.background{ background-color: rgb(122,  
143, 10) }
```

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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