

Converting Colors

XYZ(17.4389, 23.1615, 3.7346)

Have a look what the booklet for
XYZ(17.4389, 23.1615, 3.7346)
contains.

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Color

**XYZ(17.4429, 23.1278,
3.7171)**

Conversions

Conversions Part 1

Format	Color
Hex	798D06
RGB	121, 141, 6
RGB Percent	47%, 55%, 2%
CMY	0.5255, 0.4470, 0.9764
CMYK	0.14, 0.00, 0.96, 0.45
HSL	69°, 92%, 29%
HSV	69°, 96%, 55%
XYZ	17.4429, 23.1278, 3.7171
YIQ	119.6300, 31.4150, -46.2250

Conversions

Conversions Part 2

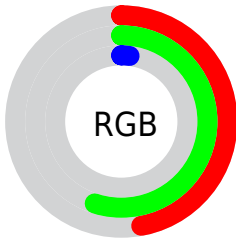
Format	Color
RYB	6, 141, 26
Decimal	7965958
CIELab	55.20, -22.77, 57.88
CIELCh	55, 62.204, 111.477
Yxy	23.1278, 0.3939, 0.5222
Android (android.graphics.Color)	4286156038 (0xFF798D06)
YUV	119.6300, -56.0196, 1.2015
Hunter-Lab	48.0914, -19.4174, 29.0813

Details

The XYZ color **17.4429, 23.1278, 3.7171** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.2996, 2.2735, 25.3601**, and the grayscale version is **17.9014, 18.8336, 20.5098**.

A 20% lighter version of the original color is **38.7839, 48.8323, 13.3427**, and **6.1250, 8.7111, 1.3586** is the 20% darker color. If you saturate the color by 10%, you get **17.2862, 23.0516, 3.5383**, and if you desaturate by 10%, it is **17.8338, 23.3192, 4.2282**.

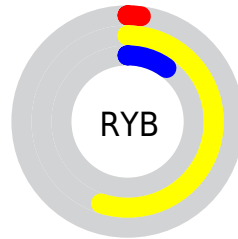
Distribution



Red (47%)

Green (55%)

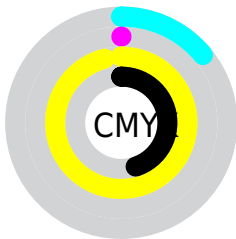
Blue (2%)



Red (2%)

Yellow (55%)

Blue (10%)

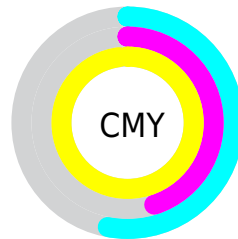


Cyan (14%)

Magenta (0%)

Yellow (96%)

Black (45%)



Cyan (53%)

Magenta (45%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4429, 23.1278, 3.7171 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 17.4429, 23.1278, 3.7171 by changing the saturation by 10% instead.

■ 17.4429, 23.1278,
3.7171

■ 17.4429, 23.1278,
3.7171

230.8187,
268.3807, 145.0270

■ 10.6480, 14.6879,
1.4715

■ 38.6233, 48.6031,
13.3519

■ 5.8962, 8.6006,
0.1965

■ 53.7395, 66.4073,
21.5781

■ 2.8221, 4.4816,
0.0000

■ 72.3602, 88.1017,
32.6349

■ 1.0604, 1.9465,
0.0000

■ 94.8508, 114.0707,
46.9409


■ 0.0000, 0.5761,
0.0000


■ 121.5766,
144.6987, 64.9145


■ 0.0000, 0.0000,
0.0000


■ 152.9029,


180.3701, 86.9744


 189.1952,
221.4693, 113.5391

 17.4429, 23.1278,
3.7171


 17.4429, 23.1278,
3.7171

 17.2862, 23.0516,
3.5383

 17.8338, 23.3192,
4.2282

 18.3007, 23.5409,
5.1088

 18.8577, 23.7994,
6.4301

 19.5139, 24.0983,
8.2400

 20.2773, 24.4408,
10.5803

■ 21.1549, 24.8298,
13.4880

■ 22.1532, 25.2678,
16.9973

■ 23.2782, 25.7572,
21.1392

■ 24.5355, 26.3004,
25.9428

Harmonies

Analogous

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



24.0234, 23.1278, 3.1271



17.4429, 23.1278, 3.7171



13.0959, 23.1278, 8.0733

Triad

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



17.4429, 23.1278, 3.7171



14.6642, 23.1278, 68.5701



38.0270, 23.1278, 31.2924

Complementary

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



17.4429, 23.1278, 3.7171



5.2996, 2.2735, 25.3601

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.



34.1848, 23.1278, 57.3391



17.4429, 23.1278, 3.7171



20.0602, 23.1278, 85.1763

Square

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



17.4429, 23.1278, 3.7171



11.7428, 23.1278, 41.9575



27.2479, 23.1278, 80.2388



36.9134, 23.1278, 13.6067

Rectangle

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



17.4429, 23.1278, 3.7171



11.5884, 23.1278, 14.8739



27.2479, 23.1278, 80.2388



37.2473, 23.1278, 39.4058

Sweetspot

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



17.4434, 23.1289, 3.7176



38.9497, 44.9326, 27.8646



11.3449, 6.3299, 0.7965



8.5509, 9.9706, 5.7032



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.4434, 23.1289, 3.7176



30.8440, 41.2222, 6.3310



11.1619, 19.8906, 3.4236



5.7621, 6.2455, 5.7912



15.7713, 21.0230, 3.2266



0.1646, 0.2081, 0.0315

Inverse Universe

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



5.2996, 2.2735, 25.3601



9.0673, 3.6798, 45.3602



9.2377, 4.3037, 25.5444



5.1994, 5.2910, 6.7760



4.6728, 1.9025, 23.0980



0.0561, 0.0241, 0.2214

Previews

White Background



This preview shows how the XYZ color 17.4429, 23.1278, 3.7171 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 17.4429, 23.1278, 3.7171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

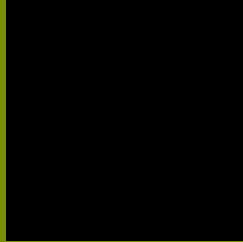
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4429, 23.1278, 3.7171

Background



This preview shows how black text looks on a background with the XYZ color 17.4429, 23.1278, 3.7171.



This preview shows how white text looks on a background with the XYZ color 17.4429, 23.1278,

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

17.4429, 23.1278, 3.7171

Protanopia

20.6457, 22.8921, 3.3305

Deuteranopia

23.2350, 22.8444, 4.1045



Tritanopia

22.4397, 23.0612, 28.4679

Trichromacy



Original Color

17.4429, 23.1278, 3.7171

Protanomaly

19.3224, 22.8213, 3.4440

Deuteranomaly

20.8032, 22.7603, 3.8690

Tritanomaly

19.4978, 22.6898, 13.4771

Monochromacy



Original Color

17.4429, 23.1278, 3.7171

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

16.8762, 19.9959, 10.3673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4429, 23.1278, 3.7171 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(121, 141, 6)` looks like.

```
.text, #text, p{  
    color:rgb(121, 141, 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(121, 141, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 141, 6) }
```

Border

The CSS property to change the border of an element to XYZ 17.4429, 23.1278, 3.7171 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(121, 141, 6) }
```


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

```
.border{ border-color:rgb(121, 141, 6) }
```

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

Here you see how a box with a 4 pixel rgb(121, 141, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 141, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 141, 6);  
box-shadow:4px 4px 4px 4px rgb(121, 141,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4429, 23.1278, 3.7171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 141, 6) }
```

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

```
.background{ background-color: rgb(121,  
141, 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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