

Converting Colors

XYZ(19.2512, 23.3522, 3.4928)

Have a look what the booklet for
XYZ(19.2512, 23.3522, 3.4928)
contains.

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Color

**XYZ(19.2418, 23.4112,
3.5047)**

Conversions

Conversions Part 1

Format	Color
Hex	888A00
RGB	136, 138, 0
RGB Percent	53%, 54%, 0%
CMY	0.4667, 0.4588, 1.0000
CMYK	0.01, 0.00, 1.00, 0.46
HSL	61°, 100%, 27%
HSV	61°, 100%, 54%
XYZ	19.2418, 23.4112, 3.5047
YIQ	121.6700, 43.1060, -43.3420

Conversions

Conversions Part 2

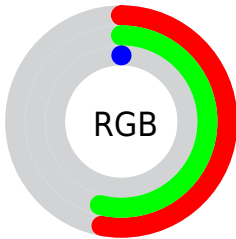
Format	Color
RYB	0, 138, 2
Decimal	8948224
CIELab	55.49, -14.57, 59.64
CIELCh	55, 61.399, 103.730
Yxy	23.4112, 0.4169, 0.5072
Android (android.graphics.Color)	4287138304 (0xFF888A00)
YUV	121.6700, -59.9833, 12.5674
Hunter-Lab	48.3851, -13.6881, 29.5750

Details

The XYZ color **19.2418, 23.4112, 3.5047** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.6131, 1.8484, 24.1599**, and the grayscale version is **18.5714, 19.5386, 21.2775**.

A 20% lighter version of the original color is **41.6973, 49.0287, 12.8960**, and **6.9694, 8.7733, 1.3261** is the 20% darker color. If you saturate the color by 10%, you get **19.2422, 23.4123, 3.5048**, and if you desaturate by 10%, it is **19.3529, 23.4603, 3.9171**.

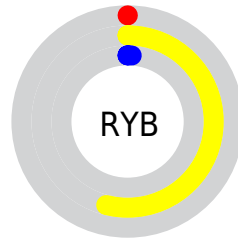
Distribution



Red (53%)

Green (54%)

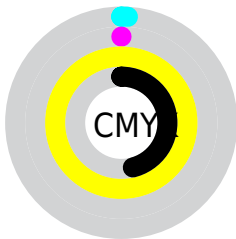
Blue (0%)



Red (0%)

Yellow (54%)

Blue (1%)

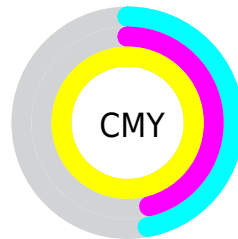


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (47%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2418, 23.4112, 3.5047 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 19.2418, 23.4112, 3.5047 by changing the saturation by 10% instead.

■ 19.2418, 23.4112,
3.5047

■ 19.2418, 23.4112,
3.5047

240.6930,
269.8300, 142.5499

■ 11.9502, 14.8974,
1.3578

■ 41.6560, 49.0676,
12.8503

■ 6.7817, 8.7474,
0.1084

■ 57.5093, 66.9791,
20.8861

■ 3.3711, 4.5768,
0.0000

■ 76.9472, 88.7919,
31.7218

■ 1.3529, 2.0012,
0.0000

■ 100.3350,
114.8905, 45.7762


■ 0.2223, 0.6082,
0.0000


■ 128.0381,
145.6592, 63.4676


■ 0.0000, 0.0000,
0.0000


■ 160.4220,


181.4824, 85.2147


 197.8518,
222.7445, 111.4359

 19.2418, 23.4112,
3.5047


 19.2418, 23.4112,
3.5047


 19.2422, 23.4123,
3.5048

 19.3529, 23.4603,
3.9171

 19.5125, 23.5279,
4.5874

 19.7477, 23.6258,
5.6552

 20.0677, 23.7576,
7.1693

 20.4804, 23.9264,
9.1713

■ 20.9929, 24.1352,
11.6981

■ 21.6114, 24.3864,
14.7832

■ 22.3418, 24.6824,
18.4572

■ 23.1895, 25.0253,
22.7483

Harmonies

Analogous

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



26.1899, 23.4112, 3.6224



19.2418, 23.4112, 3.5047



14.2657, 23.4112, 6.6843

Triad

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



19.2418, 23.4112, 3.5047



13.9580, 23.4112, 61.9288



37.6171, 23.4112, 37.7214

Complementary

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



19.2418, 23.4112, 3.5047



4.6131, 1.8484, 24.1599

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.



32.7701, 23.4112, 64.1120



19.2418, 23.4112, 3.5047



18.7294, 23.4112, 82.3278

Square

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



19.2418, 23.4112, 3.5047



11.6706, 23.4112, 35.6425



25.5600, 23.4112, 83.2865



37.8341, 23.4112, 17.4768

Rectangle

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



19.2418, 23.4112, 3.5047



12.3289, 23.4112, 12.0751



25.5600, 23.4112, 83.2865



36.4362, 23.4112, 46.3404

Sweetspot

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



19.2423, 23.4123, 3.5052



38.0149, 42.9517, 25.6722



10.4821, 5.4039, 0.4909



8.4338, 9.5962, 5.2943



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.2423, 23.4123, 3.5052



33.9035, 41.2594, 6.1770



11.5439, 19.4436, 3.1449



5.4240, 5.8413, 5.3940



17.6425, 21.4650, 3.2133



0.1183, 0.1431, 0.0214

Inverse Universe

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



4.6131, 1.8484, 24.1599



8.1187, 3.2512, 42.5828



7.0427, 3.1008, 24.2736



4.7809, 4.8955, 6.2988



4.2302, 1.6948, 22.1499



0.0289, 0.0117, 0.1472

Previews

White Background



This preview shows how the XYZ color 19.2418, 23.4112, 3.5047 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 19.2418, 23.4112, 3.5047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

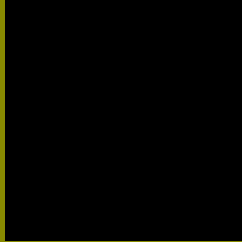
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2418, 23.4112, 3.5047

Background



This preview shows how black text looks on a background with the XYZ color 19.2418, 23.4112, 3.5047.



This preview shows how white text looks on a background with the XYZ color 19.2418, 23.4112,

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

19.2418, 23.4112, 3.5047

Protanopia

20.9652, 23.2591, 3.3845

Deuteranopia

23.7447, 23.3007, 3.9555



Tritanopia

23.9837, 23.2931, 27.2767

Trichromacy



Original Color

19.2418, 23.4112, 3.5047

Protanomaly

20.3410, 23.3477, 3.4345

Deuteranomaly

21.7656, 23.0622, 3.6851

Tritanomaly

21.1680, 22.9579, 12.5482

Monochromacy



Original Color

19.2418, 23.4112, 3.5047

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.8467, 20.5004, 10.2241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2418, 23.4112, 3.5047 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(136, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 138, 0)  
}
```

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(136, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 138, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.2418, 23.4112, 3.5047 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(136, 138, 0) }
```


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

```
.border{ border-color:rgb(136, 138, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 138, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 138,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2418, 23.4112, 3.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 138, 0) }
```

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

```
.background{ background-color: rgb(136,  
138, 0) }
```

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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