

Converting Colors

XYZ(18.9614, 23.5089, 1.4404)

Have a look what the booklet for
XYZ(18.9614, 23.5089, 1.4404)
contains.

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Color

**XYZ(19.3860, 23.6995,
3.5527)**

Conversions

Conversions Part 1

Format	Color
Hex	888B00
RGB	136, 139, 0
RGB Percent	53%, 55%, 0%
CMY	0.4667, 0.4549, 1.0000
CMYK	0.02, 0.00, 1.00, 0.45
HSL	61°, 100%, 27%
HSV	61°, 100%, 55%
XYZ	19.3860, 23.6995, 3.5527
YIQ	122.2570, 42.8310, -43.8650

Conversions

Conversions Part 2

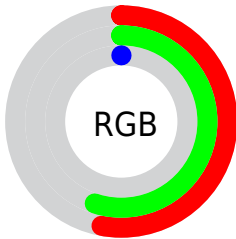
Format	Color
RYB	0, 139, 3
Decimal	8948480
CIELab	55.79, -15.10, 59.86
CIELCh	56, 61.735, 104.159
Yxy	23.6995, 0.4157, 0.5082
Android (android.graphics.Color)	4287138560 (0xFF888B00)
YUV	122.2570, -60.2727, 12.0526
Hunter-Lab	48.6821, -14.1122, 29.7507

Details

The XYZ color **19.3860, 23.6995, 3.5527** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.6983, 1.8839, 24.5436**, and the grayscale version is **18.7650, 19.7422, 21.4993**.

A 20% lighter version of the original color is **41.9161, 49.4664, 12.9690**, and **7.0521, 8.9386, 1.3536** is the 20% darker color. If you saturate the color by 10%, you get **19.3864, 23.7006, 3.5529**, and if you desaturate by 10%, it is **19.5140, 23.7572, 3.9694**.

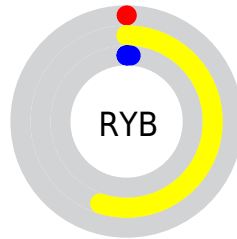
Distribution



Red (53%)

Green (55%)

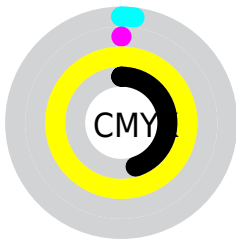
Blue (0%)



Red (0%)

Yellow (55%)

Blue (1%)

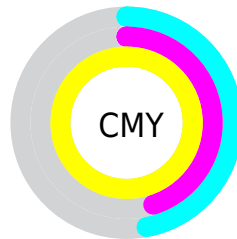


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3860, 23.6995, 3.5527 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 19.3860, 23.6995, 3.5527 by changing the saturation by 10% instead.

■ 19.3860, 23.6995,
3.5527

■ 19.3860, 23.6995,
3.5527

241.4689,
271.2977, 143.1157

■ 12.0552, 15.1109,
1.3833

■ 41.8972, 49.5394,
12.9643

■ 6.8537, 8.8972,
0.1287

■ 57.8083, 67.5594,
21.0435

■ 3.4163, 4.6742,
0.0000

■ 77.3101, 89.4920,
31.9298

■ 1.3775, 2.0574,
0.0000

■ 100.7682,
115.7216, 46.0417


■ 0.2401, 0.6405,
0.0000


■ 128.5477,
146.6326, 63.7977


■ 0.0000, 0.0000,
0.0000


■ 161.0141,


182.6093, 85.6163


 198.5327,
224.0362, 111.9162


 19.3860, 23.6995,
3.5527


 19.3860, 23.6995,
3.5527


 19.3864, 23.7006,
3.5529

 19.5140, 23.7572,
3.9694

 19.6917, 23.8340,
4.6493

 19.9463, 23.9415,
5.7334

 20.2871, 24.0835,
7.2711

 20.7223, 24.2633,
9.3050

■ 21.2591, 24.4837,
11.8727

■ 21.9037, 24.7473,
15.0081

■ 22.6623, 25.0565,
18.7425

■ 23.5402, 25.4134,
23.1047

Harmonies

Analogous

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



26.4102, 23.6995, 3.6315



19.3860, 23.6995, 3.5527



14.3780, 23.6995, 6.8333

Triad

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



19.3860, 23.6995, 3.5527



14.1714, 23.6995, 63.1348



38.1452, 23.6995, 37.8455

Complementary

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



19.3860, 23.6995, 3.5527



4.6983, 1.8839, 24.5436

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.



33.2844, 23.6995, 64.6018



19.3860, 23.6995, 3.5527



19.0420, 23.6995, 83.6279

Square

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



19.3860, 23.6995, 3.5527



11.8185, 23.6995, 36.4492



25.9872, 23.6995, 84.2722



38.2910, 23.6995, 17.4650

Rectangle

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



19.3860, 23.6995, 3.5527



12.4397, 23.6995, 12.3679



25.9872, 23.6995, 84.2722



36.9696, 23.6995, 46.5600

Sweetspot

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



19.3865, 23.7006, 3.5532



39.1411, 44.2819, 26.4725



10.6734, 5.5398, 0.5070



8.9157, 10.1614, 5.5955



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.



19.3865, 23.7006, 3.5532



34.6967, 42.4313, 6.3613



11.5611, 19.6664, 3.1870



5.4205, 5.8395, 5.3938



17.4980, 21.3906, 3.2065



0.1178, 0.1429, 0.0214

Inverse Universe

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



4.6983, 1.8839, 24.5436



8.3946, 3.3635, 43.9497



7.3199, 3.2354, 24.6663



4.7840, 4.8971, 6.2989



4.2419, 1.7009, 22.1504



0.0293, 0.0119, 0.1472

Previews

White Background



This preview shows how the XYZ color 19.3860, 23.6995, 3.5527 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 19.3860, 23.6995, 3.5527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

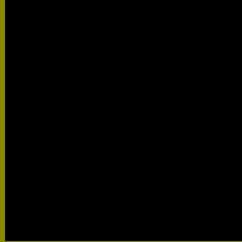
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3860, 23.6995, 3.5527

Background



This preview shows how black text looks on a background with the XYZ color 19.3860, 23.6995, 3.5527.



This preview shows how white text looks on a background with the XYZ color 19.3860, 23.6995,

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

19.3860, 23.6995, 3.5527

Protanopia

21.2876, 23.6295, 3.4390

Deuteranopia

24.0964, 23.6717, 4.0581



Tritanopia

24.1875, 23.5843, 27.7035

Trichromacy



Original Color

19.3860, 23.6995, 3.5527

Protanomaly

20.6582, 23.7193, 3.4895

Deuteranomaly

22.1002, 23.4324, 3.7736

Tritanomaly

21.3043, 23.2304, 12.5936

Monochromacy



Original Color

19.3860, 23.6995, 3.5527

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 19.3860, 23.6995, 3.5527 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, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 139, 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, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 139, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.3860, 23.6995, 3.5527 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, 139, 0) }
```


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

```
.border{ border-color:rgb(136, 139, 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, 139, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 139,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3860, 23.6995, 3.5527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 139, 0) }
```

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

```
.background{ background-color: rgb(136,  
139, 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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