

Converting Colors

XYZ(19.4999, 24.0289, 3.6104)

Have a look what the booklet for
XYZ(19.4999, 24.0289, 3.6104)
contains.

XYZ(19.5314, 23.9904, 3.6012)	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(19.5314, 23.9904,
3.6012)**

Conversions

Conversions Part 1

Format	Color
Hex	888C00
RGB	136, 140, 0
RGB Percent	53%, 55%, 0%
CMY	0.4667, 0.4510, 1.0000
CMYK	0.03, 0.00, 1.00, 0.45
HSL	62°, 100%, 27%
HSV	62°, 100%, 55%
XYZ	19.5314, 23.9904, 3.6012
YIQ	122.8440, 42.5560, -44.3880

Conversions

Conversions Part 2

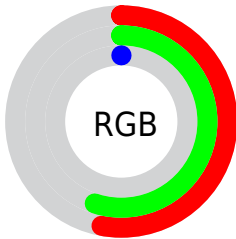
Format	Color
RYB	0, 140, 4
Decimal	8948736
CIELab	56.08, -15.63, 60.07
CIElCh	56, 62.074, 104.582
Yxy	23.9904, 0.4145, 0.5091
Android (android.graphics.Color)	4287138816 (0xFF888C00)
YUV	122.8440, -60.5621, 11.5378
Hunter-Lab	48.9800, -14.5358, 29.9268

Details

The XYZ color **19.5314, 23.9904, 3.6012** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.7843, 1.9197, 24.9308**, and the grayscale version is **18.9597, 19.9471, 21.7224**.

A 20% lighter version of the original color is **42.1365, 49.9071, 13.0424**, and **7.1358, 9.1062, 1.3816** is the 20% darker color. If you saturate the color by 10%, you get **19.5318, 23.9915, 3.6014**, and if you desaturate by 10%, it is **19.6764, 24.0568, 4.0222**.

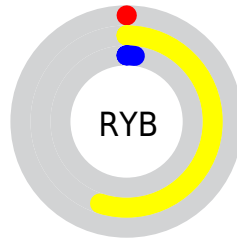
Distribution



Red (53%)

Green (55%)

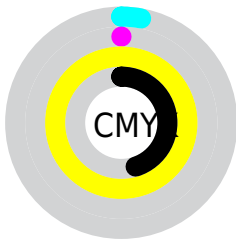
Blue (0%)



Red (0%)

Yellow (55%)

Blue (2%)

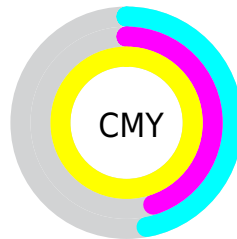


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5314, 23.9904, 3.6012 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 19.5314, 23.9904, 3.6012 by changing the saturation by 10% instead.

■ 19.5314, 23.9904,
3.6012

■ 19.5314, 23.9904,
3.6012

242.2491,
272.7719, 143.6839

■ 12.1612, 15.3265,
1.4092

■ 42.1401, 50.0145,
13.0790

■ 6.9265, 9.0489,
0.1489

■ 58.1093, 68.1436,
21.2020

■ 3.4621, 4.7731,
0.0000

■ 77.6754, 90.1964,
32.1390

■ 1.4026, 2.1147,
0.0000

■ 101.2040,
116.5575, 46.3086


■ 0.2581, 0.6729,
0.0000


■ 129.0603,
147.6112, 64.1293


■ 0.0000, 0.0000,
0.0000


■ 161.6097,


183.7419, 86.0198


 199.2175,
225.3340, 112.3984


 19.5314, 23.9904,
3.6012


 19.5314, 23.9904,
3.6012


 19.5318, 23.9915,
3.6014

 19.6764, 24.0568,
4.0222

 19.8722, 24.1427,
4.7120

 20.1463, 24.2599,
5.8124

 20.5081, 24.4123,
7.3741

 20.9661, 24.6031,
9.4403

■ 21.5273, 24.8353,
12.0493

■ 22.1984, 25.1114,
15.2356

■ 22.9855, 25.4340,
19.0311

■ 23.8940, 25.8051,
23.4650

Harmonies

Analogous

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



26.6323, 23.9904, 3.6408



19.5314, 23.9904, 3.6012



14.4911, 23.9904, 6.9844

Triad

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



19.5314, 23.9904, 3.6012



14.3871, 23.9904, 64.3555



38.6784, 23.9904, 37.9712

Complementary

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



19.5314, 23.9904, 3.6012



4.7843, 1.9197, 24.9308

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.



33.8040, 23.9904, 65.0954



19.5314, 23.9904, 3.6012



19.3581, 23.9904, 84.9412

Square

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



19.5314, 23.9904, 3.6012



11.9677, 23.9904, 37.2672



26.4191, 23.9904, 85.2662



38.7519, 23.9904, 17.4542

Rectangle

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



19.5314, 23.9904, 3.6012



12.5514, 23.9904, 12.6652



26.4191, 23.9904, 85.2662



37.5082, 23.9904, 46.7818

Sweetspot

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



19.5319, 23.9915, 3.6017



39.0529, 44.2364, 26.4684



10.8414, 5.6267, 0.5150



8.8929, 10.1496, 5.5944



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.



19.5319, 23.9915, 3.6017



34.4094, 42.2831, 6.3479



11.7399, 19.9746, 3.2370



5.4171, 5.8378, 5.3937



17.3568, 21.3177, 3.1999



0.1174, 0.1427, 0.0214

Inverse Universe

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



4.7843, 1.9197, 24.9308



8.4105, 3.3717, 43.9505



7.4320, 3.2846, 25.0547



4.7870, 4.8986, 6.2991



4.2535, 1.7069, 22.1510



0.0298, 0.0121, 0.1472

Previews

White Background



This preview shows how the XYZ color 19.5314, 23.9904, 3.6012 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 19.5314, 23.9904, 3.6012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

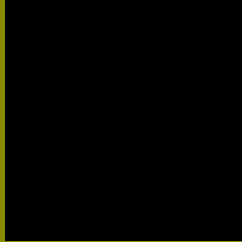
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.5314, 23.9904, 3.6012

Background



This preview shows how black text looks on a background with the XYZ color 19.5314, 23.9904, 3.6012.



This preview shows how white text looks on a background with the XYZ color 19.5314, 23.9904,

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

19.5314, 23.9904, 3.6012

Protanopia

21.6129, 24.0033, 3.4940

Deuteranopia

24.3118, 23.7827, 4.0682



Tritanopia

24.5703, 23.9697, 28.1426

Trichromacy



Original Color

19.5314, 23.9904, 3.6012

Protanomaly

20.7997, 24.0023, 3.5366

Deuteranomaly

22.4311, 23.8033, 3.8277

Tritanomaly

21.4836, 23.5222, 12.8591

Monochromacy



Original Color

19.5314, 23.9904, 3.6012

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.1275, 20.8398, 10.2748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5314, 23.9904, 3.6012 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, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 140, 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, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 140, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.5314, 23.9904, 3.6012 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, 140, 0) }
```


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

```
.border{ border-color:rgb(136, 140, 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, 140, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 140,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5314, 23.9904, 3.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 140, 0) }
```

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

```
.background{ background-color: rgb(136,  
140, 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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