

Converting Colors

XYZ(18.9765, 23.6049, 1.7153)

Have a look what the booklet for
XYZ(18.9765, 23.6049, 1.7153)
contains.

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Color

**XYZ(19.2243, 23.6161,
3.5451)**

Conversions

Conversions Part 1

Format	Color
Hex	878B00
RGB	135, 139, 0
RGB Percent	53%, 55%, 0%
CMY	0.4706, 0.4549, 1.0000
CMYK	0.03, 0.00, 1.00, 0.45
HSL	62°, 100%, 27%
HSV	62°, 100%, 55%
XYZ	19.2243, 23.6161, 3.5451
YIQ	121.9580, 42.2350, -44.0770

Conversions

Conversions Part 2

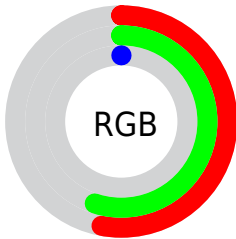
Format	Color
RYB	0, 139, 4
Decimal	8882944
CIELab	55.70, -15.56, 59.76
CIELCh	56, 61.752, 104.593
Yxy	23.6161, 0.4144, 0.5091
Android (android.graphics.Color)	4287073024 (0xFF878B00)
YUV	121.9580, -60.1253, 11.4378
Hunter-Lab	48.5964, -14.4307, 29.6923

Details

The XYZ color **19.2243, 23.6161, 3.5451** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.7108, 1.8903, 24.5441**, and the grayscale version is **18.6663, 19.6384, 21.3863**.

A 20% lighter version of the original color is **41.6620, 49.3354, 12.9571**, and **6.9657, 8.8941, 1.3496** is the 20% darker color. If you saturate the color by 10%, you get **19.2247, 23.6172, 3.5453**, and if you desaturate by 10%, it is **19.3680, 23.6819, 3.9625**.

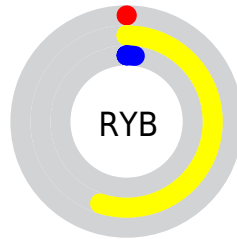
Distribution



Red (53%)

Green (55%)

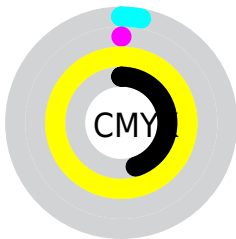
Blue (0%)



Red (0%)

Yellow (55%)

Blue (2%)

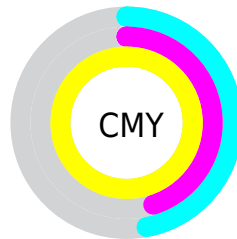


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2243, 23.6161, 3.5451 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 19.2243, 23.6161, 3.5451 by changing the saturation by 10% instead.

■ 19.2243, 23.6161,
3.5451

■ 19.2243, 23.6161,
3.5451

240.5987,
270.8738, 143.0264

■ 11.9374, 15.0491,
1.3793

■ 41.6267, 49.4030,
12.9462

■ 6.7730, 8.8538,
0.1255

■ 57.4730, 67.3917,
21.0186

■ 3.3656, 4.6460,
0.0000

■ 76.9031, 89.2897,
31.8969

■ 1.3499, 2.0411,
0.0000

■ 100.2824,
115.4815, 45.9997


■ 0.2201, 0.6312,
0.0000


■ 127.9762,
146.3514, 63.7455


■ 0.0000, 0.0000,
0.0000

■ 160.3500,


182.2838, 85.5529


 197.7690,
223.6632, 111.8403


 19.2243, 23.6161,
3.5451


 19.2243, 23.6161,
3.5451


 19.2247, 23.6172,
3.5453

 19.3680, 23.6819,
3.9625

 19.5615, 23.7668,
4.6432

 19.8319, 23.8825,
5.7279

 20.1888, 24.0328,
7.2664

 20.6401, 24.2209,
9.3010

■ 21.1930, 24.4496,
11.8694

■ 21.8540, 24.7217,
15.0056

■ 22.6290, 25.0393,
18.7406

■ 23.5234, 25.4047,
23.1035

Harmonies

Analogous

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



26.2142, 23.6161, 3.5831



19.2243, 23.6161, 3.5451



14.2634, 23.6161, 6.8771

Triad

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



19.2243, 23.6161, 3.5451



14.1637, 23.6161, 63.3630



38.0766, 23.6161, 37.3702

Complementary

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



19.2243, 23.6161, 3.5451



4.7108, 1.8903, 24.5441

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.



33.2795, 23.6161, 64.0724



19.2243, 23.6161, 3.5451



19.0581, 23.6161, 83.6236

Square

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



19.2243, 23.6161, 3.5451



11.7811, 23.6161, 36.6953



26.0098, 23.6161, 83.9352



38.1471, 23.6161, 17.1761

Rectangle

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



19.2243, 23.6161, 3.5451



12.3545, 23.6161, 12.4713



26.0098, 23.6161, 83.9352



36.9253, 23.6161, 46.0431

Sweetspot

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



19.2248, 23.6172, 3.5456



39.0503, 44.2351, 26.4683



10.6734, 5.5398, 0.5070



8.8923, 10.1493, 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.



19.2248, 23.6172, 3.5456



34.4012, 42.2789, 6.3475



11.5610, 19.6663, 3.1869



5.4171, 5.8377, 5.3937



17.3528, 21.3157, 3.1997



0.1174, 0.1427, 0.0214

Inverse Universe

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



4.7108, 1.8903, 24.5441



8.4109, 3.3719, 43.9505



7.3199, 3.2353, 24.6662



4.7871, 4.8987, 6.2991



4.2539, 1.7071, 22.1510



0.0298, 0.0121, 0.1472

Previews

White Background



This preview shows how the XYZ color 19.2243, 23.6161, 3.5451 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



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 19.2243, 23.6161, 3.5451

Background



This preview shows how black text looks on a background with the XYZ color 19.2243, 23.6161, 3.5451.



This preview shows how white text looks on a background with the XYZ color 19.2243, 23.6161,

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

19.2243, 23.6161, 3.5451

Protanopia

21.2876, 23.6295, 3.4390

Deuteranopia

23.8826, 23.5615, 4.0481



Tritanopia

24.0121, 23.4939, 27.6953

Trichromacy



Original Color

19.2243, 23.6161, 3.5451

Protanomaly

20.4812, 23.6281, 3.4812

Deuteranomaly

21.9059, 23.3322, 3.7645

Tritanomaly

21.1335, 23.1424, 12.5856

Monochromacy



Original Color

19.2243, 23.6161, 3.5451

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 19.2243, 23.6161, 3.5451 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(135, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 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(135, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 139, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.2243, 23.6161, 3.5451 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(135, 139, 0) }
```


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

```
.border{ border-color:rgb(135, 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(135, 139, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 139,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2243, 23.6161, 3.5451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 139, 0) }
```

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

```
.background{ background-color: rgb(135,  
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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