

Converting Colors

XYZ(19.5806, 23.1065, 3.4280)

Have a look what the booklet for
XYZ(19.5806, 23.1065, 3.4280)
contains.

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Color

**XYZ(19.6194, 23.1838,
3.4409)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8800
RGB	140, 136, 0
RGB Percent	55%, 53%, 0%
CMY	0.4510, 0.4667, 1.0000
CMYK	0.00, 0.03, 1.00, 0.45
HSL	58°, 100%, 27%
HSV	58°, 100%, 55%
XYZ	19.6194, 23.1838, 3.4409
YIQ	121.6920, 46.0400, -41.4480

Conversions

Conversions Part 2

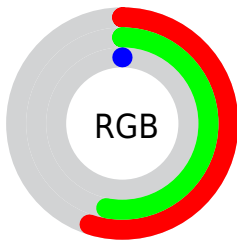
Format	Color
RYB	4, 140, 0
Decimal	9209856
CIELab	55.26, -11.66, 59.63
CIELCh	55, 60.762, 101.067
Yxy	23.1838, 0.4243, 0.5013
Android (android.graphics.Color)	4287399936 (0xFF8C8800)
YUV	121.6920, -59.9942, 16.0561
Hunter-Lab	48.1496, -11.5287, 29.4677

Details

The XYZ color **19.6194, 23.1838, 3.4409** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.7772, 1.9805, 24.9412**, and the grayscale version is **18.5780, 19.5455, 21.2850**.

A 20% lighter version of the original color is **42.2669, 48.6829, 12.6379**, and **7.2459, 8.7948, 1.3157** is the 20% darker color. If you saturate the color by 10%, you get **19.6198, 23.1848, 3.4410**, and if you desaturate by 10%, it is **19.7556, 23.3294, 3.8776**.

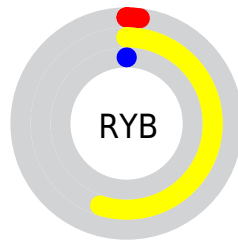
Distribution



Red (55%)

Green (53%)

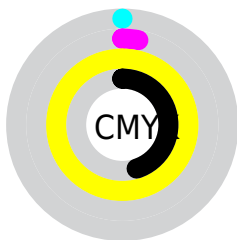
Blue (0%)



Red (2%)

Yellow (55%)

Blue (0%)

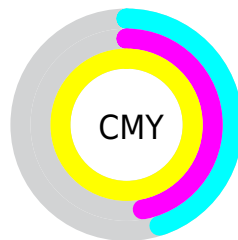


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6194, 23.1838, 3.4409 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 19.6194, 23.1838, 3.4409 by changing the saturation by 10% instead.

■ 19.6194, 23.1838,
3.4409

■ 19.6194, 23.1838,
3.4409

242.7202,
268.6676, 141.7920

■ 12.2253, 14.7293,
1.3239

■ 42.2870, 48.6950,
12.6983

■ 6.9706, 8.6296,
0.0813

■ 58.2912, 66.5204,
20.6758

■ 3.4899, 4.5004,
0.0000

■ 77.8962, 88.2382,
31.4439

■ 1.4178, 1.9572,
0.0000

■ 101.4673,
114.2329, 45.4211


■ 0.2689, 0.5824,
0.0000


■ 129.3700,
144.8888, 63.0259


■ 0.0000, 0.0000,
0.0000


■ 161.9694,


180.5903, 84.6770


 199.6310,
221.7217, 110.7929


 19.6194, 23.1838,
3.4409


 19.6194, 23.1838,
3.4409


 19.6198, 23.1848,
3.4410

 19.7556, 23.3294,
3.8776

 19.9426, 23.4947,
4.5831

 20.2078, 23.6917,
5.6994

 20.5607, 23.9241,
7.2769

 21.0097, 24.1953,
9.3590

■ 21.5620, 24.5081,
11.9838

■ 22.2241, 24.8651,
15.1860

■ 23.0021, 25.2689,
18.9974

■ 23.9015, 25.7216,
23.4473

Harmonies

Analogous

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



26.5568, 23.1838, 3.8053



19.6194, 23.1838, 3.4409



14.5127, 23.1838, 6.2263

Triad

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



19.6194, 23.1838, 3.4409



13.5734, 23.1838, 58.7061



36.8641, 23.1838, 39.4494

Complementary

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



19.6194, 23.1838, 3.4409



4.7772, 1.9805, 24.9412

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.



31.7912, 23.1838, 65.3170



19.6194, 23.1838, 3.4409



18.0589, 23.1838, 79.8252

Square

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



19.6194, 23.1838, 3.4409



11.5319, 23.1838, 33.1364



24.6423, 23.1838, 82.7245



37.5224, 23.1838, 18.7150

Rectangle

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



19.6194, 23.1838, 3.4409



12.4577, 23.1838, 11.1137



24.6423, 23.1838, 82.7245



35.5763, 23.1838, 48.0430

Sweetspot

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



19.6199, 23.1849, 3.4414



39.1017, 43.7961, 26.3809



10.8409, 5.5859, 0.6411



8.9055, 10.0359, 5.5718



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.



19.6199, 23.1849, 3.4414



34.5701, 40.8345, 6.0598



12.2541, 20.2387, 3.2609



5.4190, 5.8209, 5.3903



17.4358, 20.6060, 3.0584



0.1176, 0.1405, 0.0209

Inverse Universe

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



4.7772, 1.9805, 24.9412



8.4017, 3.4504, 43.9661



6.9362, 3.0291, 25.0298



4.7854, 4.9137, 6.3021



4.2471, 1.7646, 22.1624



0.0295, 0.0143, 0.1477

Previews

White Background



This preview shows how the XYZ color 19.6194, 23.1838, 3.4409 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 19.6194, 23.1838, 3.4409 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 19.6194, 23.1838, 3.4409

Background



This preview shows how black text looks on a background with the XYZ color 19.6194, 23.1838, 3.4409.



This preview shows how white text looks on a background with the XYZ color 19.6194, 23.1838,

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

19.6194, 23.1838, 3.4409

Protanopia

20.7820, 23.1646, 3.3759

Deuteranopia

23.5235, 23.1877, 3.8977



Tritanopia

24.2992, 23.0888, 26.4684

Trichromacy



Original Color

19.6194, 23.1838, 3.4409

Protanomaly

20.3792, 23.1612, 3.3965

Deuteranomaly

21.9599, 23.1624, 3.6942

Tritanomaly

21.5570, 22.7644, 12.2746

Monochromacy



Original Color

19.6194, 23.1838, 3.4409

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.0178, 20.3959, 10.1949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6194, 23.1838, 3.4409 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(140, 136, 0)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 19.6194, 23.1838, 3.4409 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(140, 136, 0) }
```


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

```
.border{ border-color:rgb(140, 136, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 136, 0)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 19.6194, 23.1838, 3.4409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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