

Converting Colors

XYZ(19.0147, 23.8530, 8.2949)

Have a look what the booklet for
XYZ(19.0147, 23.8530, 8.2949)
contains.

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Color

**XYZ(19.0263, 23.8443,
8.3022)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8D3F
RGB	126, 141, 63
RGB Percent	49%, 55%, 25%
CMY	0.5059, 0.4470, 0.7529
CMYK	0.11, 0.00, 0.55, 0.45
HSL	72°, 38%, 40%
HSV	72°, 55%, 55%
XYZ	19.0263, 23.8443, 8.3022
YIQ	127.6230, 16.0980, -27.4380

Conversions

Conversions Part 2

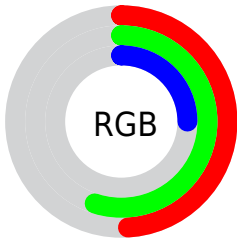
Format	Color
RYB	63, 141, 78
Decimal	8293695
CIELab	55.93, -17.56, 39.21
CIElCh	56, 42.964, 114.126
Yxy	23.8443, 0.3718, 0.4660
Android (android.graphics.Color)	4286483775 (0xFF7E8D3F)
YUV	127.6230, -31.8591, -1.4234
Hunter-Lab	48.8306, -15.9031, 24.1009

Details

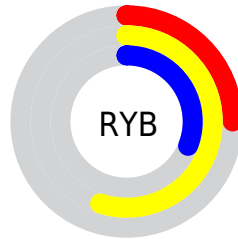
The XYZ color **19.0263, 23.8443, 8.3022** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.7280, 7.0984, 26.0582**, and the grayscale version is **20.4907, 21.5578, 23.4764**.

A 20% lighter version of the original color is **41.3181, 49.9258, 23.0817**, and **6.7091, 9.0046, 1.7323** is the 20% darker color. If you saturate the color by 10%, you get **18.2873, 23.5040, 6.4677**, and if you desaturate by 10%, it is **19.8782, 24.2327, 10.6698**.

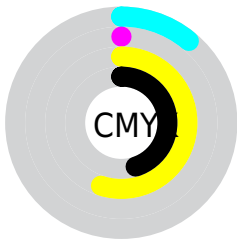
Distribution



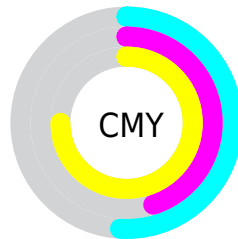
- Red (49%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (31%)



- Cyan (11%)
- Magenta (0%)
- Yellow (55%)
- Black (45%)



- Cyan (51%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0263, 23.8443, 8.3022 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 19.0263, 23.8443, 8.3022 by changing the saturation by 10% instead.

■ 19.0263, 23.8443,
8.3022

■ 19.0263, 23.8443,
8.3022

239.5292,
272.0324, 188.1057

■ 11.7934, 15.2182,
4.1984

■ 41.2951, 49.7760,
23.1047

■ 6.6744, 8.9726,
1.7348

■ 57.0616, 67.8504,
34.6404

■ 3.3038, 4.7233,
0.3844

■ 76.4035, 89.8429,
49.4905

■ 1.3164, 2.0859,
0.0000

■ 99.6860, 116.1380,
68.0735

■ 0.1954, 0.6567,
0.0000

■ 127.2744,
147.1202, 90.8080

■ 0.0000, 0.0000,
0.0000

■ 159.5342,

183.1737, 118.1125

196.8307,
224.6829, 150.4056

■ 19.0263, 23.8443,
8.3022

■ 19.0263, 23.8443,
8.3022

■ 18.2873, 23.5040,
6.4677

■ 19.8782, 24.2327,
10.6698

■ 17.6517, 23.2054,
5.1234

■ 20.8485, 24.6689,
13.6062

■ 17.1107, 22.9459,
4.2222

■ 21.9442, 25.1566,
17.1455

■ 16.6517, 22.7204,
3.6974

■ 23.1713, 25.6981,
21.3190

■ 16.4495, 22.6203,
3.4992

■ 24.5354, 26.2957,
26.1556

■ 26.0417, 26.9514,
31.6826

■ 27.6953, 27.6674,
37.9255

■ 29.5007, 28.4455,
44.9088

■ 31.4626, 29.2874,
52.6557

Harmonies

Analogous

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



23.6412, 23.8443, 7.3088



19.0263, 23.8443, 8.3022



15.8541, 23.8443, 13.1433

Triad

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



19.0263, 23.8443, 8.3022



17.5785, 23.8443, 54.5383



33.3865, 23.8443, 28.8228

Complementary

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



19.0263, 23.8443, 8.3022



9.7280, 7.0984, 26.0582

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.



31.1869, 23.8443, 45.2013



19.0263, 23.8443, 8.3022



21.7127, 23.8443, 63.1152

Square

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



19.0263, 23.8443, 8.3022



15.1064, 23.8443, 38.6268



26.7365, 23.8443, 59.1941



32.3950, 23.8443, 16.4214

Rectangle

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



19.0263, 23.8443, 8.3022



14.7553, 23.8443, 19.2594



26.7365, 23.8443, 59.1941



32.9870, 23.8443, 34.0640

Sweetspot

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



19.0269, 23.8454, 8.3027



41.0245, 45.8121, 36.5530



14.5575, 11.3721, 6.1307



9.0770, 10.1944, 7.8694



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.



19.0269, 23.8454, 8.3027



32.4943, 41.9712, 11.0073



14.4191, 21.4700, 8.0871



5.7393, 6.2337, 5.7901



15.0105, 20.6308, 3.1910



0.1604, 0.2059, 0.0313

Inverse Universe

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



9.7280, 7.0984, 26.0582



14.1688, 8.9012, 46.0992



13.8284, 9.2122, 26.2501



5.2204, 5.3018, 6.7770



4.8097, 1.9731, 23.1044



0.0603, 0.0263, 0.2216

Previews

White Background



This preview shows how the XYZ color 19.0263, 23.8443, 8.3022 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 19.0263, 23.8443, 8.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

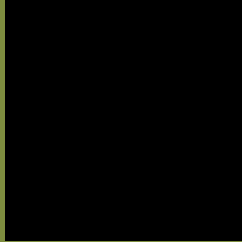
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.0263, 23.8443, 8.3022

Background



This preview shows how black text looks on a background with the XYZ color 19.0263, 23.8443, 8.3022.



This preview shows how white text looks on a background with the XYZ color 19.0263, 23.8443,

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

19.0263, 23.8443, 8.3022

Protanopia

21.7618, 23.7767, 7.8573

Deuteranopia

24.1195, 23.5833, 8.5910



Tritanopia

23.3371, 23.9091, 29.3715

Trichromacy



Original Color

19.0263, 23.8443, 8.3022

Protanomaly

20.7997, 23.9018, 8.0747

Deuteranomaly

21.9971, 23.4752, 8.5260

Tritanomaly

21.3571, 23.7288, 19.3741

Monochromacy



Original Color

19.0263, 23.8443, 8.3022

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.6386, 22.2866, 16.3634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0263, 23.8443, 8.3022 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(126, 141, 63)` looks like.

```
.text, #text, p{  
    color:rgb(126, 141, 63)  
}
```

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(126, 141, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 141, 63) }
```

Border

The CSS property to change the border of an element to XYZ 19.0263, 23.8443, 8.3022 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(126, 141, 63) }
```


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

```
.border{ border-color:rgb(126, 141, 63) }
```

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

Here you see how a box with a 4 pixel rgb(126, 141, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 141, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 141, 63);  
box-shadow:4px 4px 4px 4px rgb(126, 141,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0263, 23.8443, 8.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 141, 63) }
```

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

```
.background{ background-color: rgb(126,  
141, 63) }
```

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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