

Converting Colors

XYZ(19.1410, 28.1233, 4.3800)

Have a look what the booklet for
XYZ(19.1410, 28.1233, 4.3800)
contains.

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Color

**XYZ(19.0369, 27.9644,
4.3943)**

Conversions

Conversions Part 1

Format	Color
Hex	719E00
RGB	113, 158, 0
RGB Percent	44%, 62%, 0%
CMY	0.5569, 0.3804, 0.9999
CMYK	0.28, 0.00, 1.00, 0.38
HSL	77°, 100%, 31%
HSV	77°, 100%, 62%
XYZ	19.0369, 27.9644, 4.3943
YIQ	126.5330, 23.8980, -58.6780

Conversions

Conversions Part 2

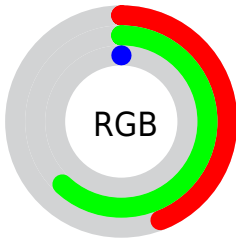
Format	Color
RYB	0, 158, 45
Decimal	7446016
CIELab	59.86, -34.43, 62.18
CIELCh	60, 71.078, 118.969
Yxy	27.9644, 0.3704, 0.5441
Android (android.graphics.Color)	4285636096 (0xFF719E00)
YUV	126.5330, -62.3808, -11.8684
Hunter-Lab	52.8814, -28.2837, 32.0901

Details

The XYZ color **19.0369, 27.9644, 4.3943** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.2549, 3.0273, 32.5513**, and the grayscale version is **20.2149, 21.2677, 23.1605**.

A 20% lighter version of the original color is **41.3261, 56.4914, 14.8567**, and **6.8990, 11.2076, 1.7997** is the 20% darker color. If you saturate the color by 10%, you get **19.0370, 27.9654, 4.3945**, and if you desaturate by 10%, it is **19.7231, 28.3084, 4.9075**.

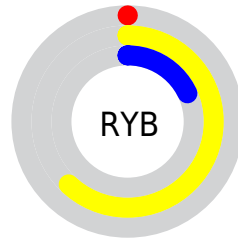
Distribution



Red (44%)

Green (62%)

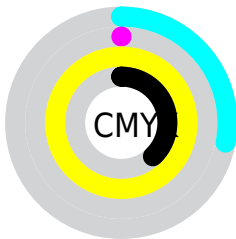
Blue (0%)



Red (0%)

Yellow (62%)

Blue (18%)

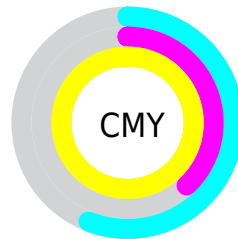


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0369, 27.9644, 4.3943 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 19.0369, 27.9644, 4.3943 by changing the saturation by 10% instead.

■ 19.0369, 27.9644,
4.3943

■ 19.0369, 27.9644,
4.3943

239.5866,
292.2968, 152.5121

■ 11.8011, 18.2988,
1.8441

■ 41.3128, 56.4276,
14.9094

■ 6.6796, 11.1647,
0.4568

■ 57.0837, 75.9940,
23.7113

■ 3.3071, 6.1778,
0.0000

■ 76.4303, 99.6295,
35.4342

■ 1.3182, 2.9535,
0.0000

■ 99.7179, 127.7184,
50.4966


■ 0.1968, 1.1075,
0.0000


■ 127.3120,
160.6453, 69.3170


■ 0.0000, 0.0000,
0.0000


■ 159.5780,


198.7943, 92.3141


 196.8810,
242.5500, 119.9062


 19.0369, 27.9644,
4.3943


 19.0369, 27.9644,
4.3943


 19.0370, 27.9654,
4.3945

 19.7231, 28.3084,
4.9075

 20.5092, 28.6948,
5.7968

 21.4273, 29.1374,
7.2281

 22.4912, 29.6417,
9.2701

 23.7122, 30.2124,
11.9818

■ 25.1005, 30.8536,
15.4149

■ 26.6656, 31.5690,
19.6161

■ 28.4157, 32.3621,
24.6285

■ 30.3589, 33.2361,
30.4915

Harmonies

Analogous

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



26.8925, 27.9644, 2.8990



19.0369, 27.9644, 4.3943



14.3212, 27.9644, 11.3574

Triad

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



19.0369, 27.9644, 4.3943



18.6076, 27.9644, 95.8708



47.9501, 27.9644, 31.3507

Complementary

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



19.0369, 27.9644, 4.3943



7.2549, 3.0273, 32.5513

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.



44.3709, 27.9644, 63.8785



19.0369, 27.9644, 4.3943



26.2686, 27.9644, 111.9381

Square

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



19.0369, 27.9644, 4.3943



14.1156, 27.9644, 61.3759



35.8896, 27.9644, 97.8030



44.8114, 27.9644, 12.1783

Rectangle

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



19.0369, 27.9644, 4.3943



12.9378, 27.9644, 21.9032



35.8896, 27.9644, 97.8030



47.4811, 27.9644, 40.9693

Sweetspot

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



19.0375, 27.9656, 4.3949



48.2441, 57.2454, 35.1273



15.0312, 9.1293, 0.9703



10.6149, 12.7866, 7.2049



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.0375, 27.9656, 4.3949



34.3650, 50.6771, 7.9704



12.8953, 24.7992, 4.1074



6.9859, 7.6254, 7.0893



15.2859, 22.4169, 3.5212



0.3123, 0.4209, 0.0648

Inverse Universe

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



7.2549, 3.0273, 32.5513



13.0015, 5.4078, 59.1020



14.4513, 6.7372, 32.8881



6.4534, 6.5222, 8.3255



5.8444, 2.4419, 26.0705



0.1429, 0.0635, 0.4679

Previews

White Background



This preview shows how the XYZ color 19.0369, 27.9644, 4.3943 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 19.0369, 27.9644, 4.3943 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 19.0369, 27.9644, 4.3943

Background



This preview shows how black text looks on a background with the XYZ color 19.0369, 27.9644, 4.3943.



This preview shows how white text looks on a background with the XYZ color 19.0369, 27.9644,

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

19.0369, 27.9644, 4.3943

Protanopia

24.8736, 27.6279, 4.0217

Deuteranopia

28.0946, 27.5258, 5.0606



Tritanopia

25.5938, 27.9598, 36.8487

Trichromacy



Original Color

19.0369, 27.9644, 4.3943

Protanomaly

22.2490, 27.4242, 4.1207

Deuteranomaly

23.8011, 27.0615, 4.5850

Tritanomaly

21.5840, 27.2838, 16.4406

Monochromacy



Original Color

19.0369, 27.9644, 4.3943

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.5997, 22.9086, 11.2261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0369, 27.9644, 4.3943 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(113, 158, 0)` looks like.

```
.text, #text, p{  
    color:rgb(113, 158, 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(113, 158, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 158, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.0369, 27.9644, 4.3943 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(113, 158, 0) }
```


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

```
.border{ border-color:rgb(113, 158, 0) }
```

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

Here you see how a box with a 4 pixel rgb(113, 158, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 158, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 158, 0);  
box-shadow:4px 4px 4px 4px rgb(113, 158,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0369, 27.9644, 4.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 158, 0) }
```

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

```
.background{ background-color: rgb(113,  
158, 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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