

Converting Colors

XYZ(26.3888, 34.4729, 5.2631)

Have a look what the booklet for
XYZ(26.3888, 34.4729, 5.2631)
contains.

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Color

**XYZ(26.3971, 34.3948,
5.2476)**

Conversions

Conversions Part 1

Format	Color
Hex	95A800
RGB	149, 168, 0
RGB Percent	58%, 66%, 0%
CMY	0.4157, 0.3412, 0.9999
CMYK	0.11, 0.00, 1.00, 0.34
HSL	67°, 100%, 33%
HSV	67°, 100%, 66%
XYZ	26.3971, 34.3948, 5.2476
YIQ	143.1670, 42.6040, -56.2760

Conversions

Conversions Part 2

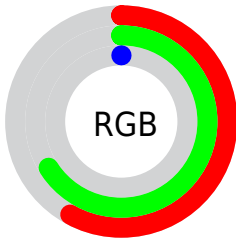
Format	Color
RYB	0, 168, 19
Decimal	9807872
CIELab	65.27, -24.10, 67.35
CIELCh	65, 71.529, 109.692
Yxy	34.3948, 0.3997, 0.5208
Android (android.graphics.Color)	4287997952 (0xFF95A800)
YUV	143.1670, -70.5813, 5.1155
Hunter-Lab	58.6471, -22.2894, 35.7478

Details

The XYZ color **26.3971, 34.3948, 5.2476** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.3374, 2.9663, 37.2336**, and the grayscale version is **26.4382, 27.8150, 30.2905**.

A 20% lighter version of the original color is **53.4243, 66.5626, 16.8696**, and **10.7596, 14.8179, 2.2931** is the 20% darker color. If you saturate the color by 10%, you get **26.3975, 34.3962, 5.2478**, and if you desaturate by 10%, it is **26.8472, 34.6165, 5.7895**.

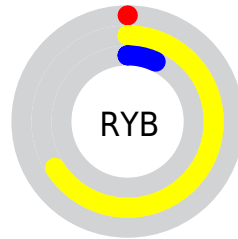
Distribution



Red (58%)

Green (66%)

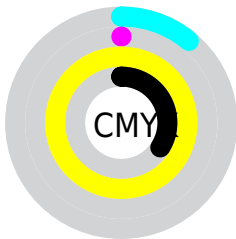
Blue (0%)



Red (0%)

Yellow (66%)

Blue (7%)

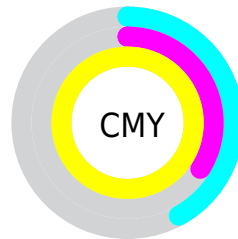


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (42%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3971, 34.3948, 5.2476 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 26.3971, 34.3948, 5.2476 by changing the saturation by 10% instead.

■ 26.3971, 34.3948,
5.2476

■ 26.3971, 34.3948,
5.2476

276.9471,
321.8889, 161.2204

■ 17.2552, 23.1971,
2.3320

■ 53.3416, 66.5471,
16.7979

■ 10.5130, 14.7391,
0.7491

■ 71.8749, 88.2705,
26.2696

■ 5.8053, 8.6365,
0.0000

■ 94.2694, 114.2713,
38.7638

■ 2.7666, 4.5048,
0.0000

■ 120.8905,
144.9337, 54.6990

■ 1.0316, 1.9598,
0.0000

■ 152.1034,
180.6424, 74.4937

■ 0.0000, 0.5839,
0.0000

■ 188.2736,

■ 0.0000, 0.0000,

221.7815, 98.5665

0.0000

229.7664,
268.7355, 127.3359

26.3971, 34.3948,
5.2476

26.3971, 34.3948,
5.2476

26.3975, 34.3962,
5.2478

26.8472, 34.6165,
5.7895

27.3860, 34.8731,
6.7724

28.0486, 35.1798,
8.3771

28.8502, 35.5428,
10.6844

29.8040, 35.9674,
13.7628

■ 30.9215, 36.4581,
17.6728

■ 32.2130, 37.0190,
22.4687

■ 33.6879, 37.6541,
28.2004

■ 35.3552, 38.3667,
34.9140

Harmonies

Analogous

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



36.4068, 34.3948, 4.6193



26.3971, 34.3948, 5.2476



19.6750, 34.3948, 11.2531

Triad

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



26.3971, 34.3948, 5.2476



21.3730, 34.3948, 100.4166



56.6156, 34.3948, 48.6777

Complementary

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



26.3971, 34.3948, 5.2476



7.3374, 2.9663, 37.2336

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.



50.4629, 34.3948, 88.1477



26.3971, 34.3948, 5.2476



29.2374, 34.3948, 126.9547

Square

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



26.3971, 34.3948, 5.2476



17.2297, 34.3948, 60.2897



39.9139, 34.3948, 121.5529



55.4015, 34.3948, 21.2585

Rectangle

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



26.3971, 34.3948, 5.2476



17.2778, 34.3948, 20.8642



39.9139, 34.3948, 121.5529



55.2971, 34.3948, 61.0882

Sweetspot

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



26.3979, 34.3964, 5.2483



58.3121, 67.1124, 40.2389



16.3470, 8.7205, 0.8221



12.4967, 14.5353, 7.9705



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.3979, 34.3964, 5.2483



47.7842, 62.3541, 9.5171



16.3327, 29.2076, 4.7773



8.0621, 8.7301, 8.0494



19.9604, 25.9872, 3.9640



0.5085, 0.6440, 0.0975

Inverse Universe

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



7.3374, 2.9663, 37.2336



13.2219, 5.3345, 67.5579



12.4139, 5.5833, 37.4712



7.2077, 7.3397, 9.4552



5.5638, 2.2517, 28.1169



0.1587, 0.0668, 0.6852

Previews

White Background



This preview shows how the XYZ color 26.3971, 34.3948, 5.2476 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.3971, 34.3948, 5.2476 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 ✓ Pass

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

XYZ 26.3971, 34.3948, 5.2476

Background



This preview shows how black text looks on a background with the XYZ color 26.3971, 34.3948, 5.2476.



This preview shows how white text looks on a background with the XYZ color 26.3971, 34.3948,

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

26.3971, 34.3948, 5.2476

Protanopia

30.9885, 34.3800, 5.0027

Deuteranopia

34.9354, 34.1759, 5.8539



Tritanopia

33.8566, 34.2855, 41.8791

Trichromacy



Original Color

26.3971, 34.3948, 5.2476

Protanomaly

29.0688, 34.1655, 5.0625

Deuteranomaly

31.2222, 33.9814, 5.4857

Tritanomaly

29.1293, 33.3712, 18.8159

Monochromacy



Original Color

26.3971, 34.3948, 5.2476

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.7936, 29.2315, 14.2330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3971, 34.3948, 5.2476 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(149, 168, 0)` looks like.

```
.text, #text, p{  
    color:rgb(149, 168, 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(149, 168, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 168, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.3971, 34.3948, 5.2476 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(149, 168, 0) }
```


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

```
.border{ border-color:rgb(149, 168, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 168, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 168, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 168, 0);  
box-shadow:4px 4px 4px 4px rgb(149, 168,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3971, 34.3948, 5.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 168, 0) }
```

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

```
.background{ background-color: rgb(149,  
168, 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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