

Converting Colors

XYZ(26.2874, 30.8605, 4.5712)

Have a look what the booklet for
XYZ(26.2874, 30.8605, 4.5712)
contains.

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Color

**XYZ(26.4193, 31.0198,
4.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	A19B00
RGB	161, 155, 0
RGB Percent	63%, 61%, 0%
CMY	0.3686, 0.3921, 0.9999
CMYK	0.00, 0.04, 1.00, 0.37
HSL	58°, 100%, 32%
HSV	58°, 100%, 63%
XYZ	26.4193, 31.0198, 4.5950
YIQ	139.1240, 53.3310, -46.9330

Conversions

Conversions Part 2

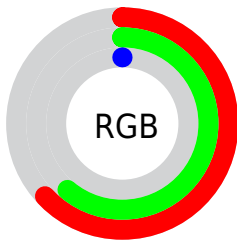
Format	Color
RYB	6, 161, 0
Decimal	10590976
CIELab	62.52, -12.16, 65.76
CIELCh	63, 66.870, 100.474
Yxy	31.0198, 0.4259, 0.5000
Android (android.graphics.Color)	4288781056 (0xFFA19B00)
YUV	139.1240, -68.5881, 19.1853
Hunter-Lab	55.6954, -12.7949, 34.0952

Details

The XYZ color **26.4193, 31.0198, 4.5950** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.4984, 2.7037, 33.8973**, and the grayscale version is **24.8315, 26.1247, 28.4498**.

A 20% lighter version of the original color is **53.2165, 61.1420, 15.3001**, and **10.7760, 12.9039, 1.9227** is the 20% darker color. If you saturate the color by 10%, you get **26.4198, 31.0211, 4.5952**, and if you desaturate by 10%, it is **26.6143, 31.2590, 5.1256**.

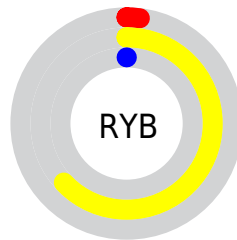
Distribution



Red (63%)

Green (61%)

Blue (0%)



Red (2%)

Yellow (63%)

Blue (0%)

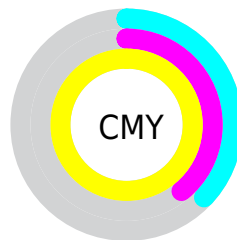


Cyan (0%)

Magenta (4%)

Yellow (100%)

Black (37%)



Cyan (37%)


Magenta (39%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4193, 31.0198, 4.5950 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 26.4193, 31.0198, 4.5950 by changing the saturation by 10% instead.


 26.4193, 31.0198,
4.5950

 26.4193, 31.0198,
4.5950


277.0535,
306.6295, 154.6255


 17.2719, 20.6139,
1.9571


 53.3771, 61.2712,
15.3603


 10.5250, 12.8421,
0.5287


 71.9182, 81.8856,
24.3248


 5.8134, 7.3199,
0.0000


 94.3213, 106.6716,
36.2352

 2.7715, 3.6630,
0.0000

 120.9517,
136.0136, 51.5101

 1.0341, 1.4869,
0.0000

 152.1748,
170.2960, 70.5681

 0.0000, 0.2795,
0.0000

 188.3558,

 0.0000, 0.0000,

209.9032, 93.8276

0.0000

229.8603,
255.2195, 121.7072

26.4193, 31.0198,
4.5950

26.4193, 31.0198,
4.5950

26.4198, 31.0211,
4.5952

26.6143, 31.2590,
5.1256

26.8841, 31.5278,
6.0503

27.2615, 31.8404,
7.5394

27.7603, 32.2023,
9.6650

28.3921, 32.6183,
12.4889

■ 29.1673, 33.0924,
16.0653

■ 30.0951, 33.6284,
20.4432

■ 31.1842, 34.2296,
25.6674

■ 32.4423, 34.8993,
31.7795

Harmonies

Analogous

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



35.7181, 31.0198, 5.1572



26.4193, 31.0198, 4.5950



19.5329, 31.0198, 8.2174

Triad

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



26.4193, 31.0198, 4.5950



18.0881, 31.0198, 77.7888



49.2103, 31.0198, 53.4155

Complementary

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



26.4193, 31.0198, 4.5950



6.4984, 2.7037, 33.8973

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.



42.3432, 31.0198, 87.9406



26.4193, 31.0198, 4.5950



24.0200, 31.0198, 106.3082

Square

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



26.4193, 31.0198, 4.5950



15.4219, 31.0198, 43.7149



32.7757, 31.0198, 110.7592



50.2215, 31.0198, 25.4696

Rectangle

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



26.4193, 31.0198, 4.5950



16.7421, 31.0198, 14.6280



32.7757, 31.0198, 110.7592



47.4525, 31.0198, 64.9293

Sweetspot

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



26.4200, 31.0213, 4.5956



53.7957, 60.1682, 36.1236



14.7421, 7.5950, 0.9205



11.6485, 13.1103, 7.2130



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.



26.4200, 31.0213, 4.5956



47.2826, 55.4896, 8.2185



16.8222, 27.5915, 4.4395



7.6267, 8.1918, 7.5593



21.1078, 24.7895, 3.6724



0.4500, 0.5338, 0.0793

Inverse Universe

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



6.4984, 2.7037, 33.8973



11.6055, 4.7774, 60.6970



9.1398, 3.9689, 34.0022



6.7206, 6.9003, 8.8807



5.1966, 2.1726, 27.0753



0.1152, 0.0576, 0.5709

Previews

White Background



This preview shows how the XYZ color 26.4193, 31.0198, 4.5950 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 26.4193, 31.0198, 4.5950 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 26.4193, 31.0198, 4.5950

Background



This preview shows how black text looks on a background with the XYZ color 26.4193, 31.0198, 4.5950.

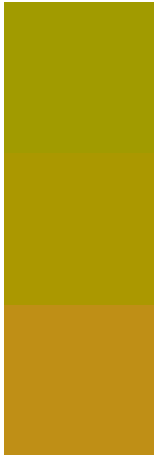


This preview shows how white text looks on a background with the XYZ color 26.4193, 31.0198,

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

26.4193, 31.0198, 4.5950

Protanopia

28.0228, 31.1144, 4.5287

Deuteranopia

31.4531, 30.7792, 5.0423



Tritanopia

32.6842, 30.9710, 35.2657

Trichromacy



Original Color

26.4193, 31.0198, 4.5950

Protanomaly

27.3276, 30.9980, 4.5429

Deuteranomaly

29.3354, 30.6024, 4.7762

Tritanomaly

28.7784, 30.2962, 16.1353

Monochromacy



Original Color

26.4193, 31.0198, 4.5950

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.9195, 27.1584, 13.2139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4193, 31.0198, 4.5950 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(161, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 155, 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(161, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 155, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.4193, 31.0198, 4.5950 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(161, 155, 0) }
```


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

```
.border{ border-color:rgb(161, 155, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 155,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4193, 31.0198, 4.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 155, 0) }
```

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

```
.background{ background-color: rgb(161,  
155, 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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