

Converting Colors

XYZ(26.5566, 31.2683, 4.6357)

Have a look what the booklet for
XYZ(26.5566, 31.2683, 4.6357)
contains.

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Color

**XYZ(26.5864, 31.3540,
4.6507)**

Conversions

Conversions Part 1

Format	Color
Hex	A19C00
RGB	161, 156, 0
RGB Percent	63%, 61%, 0%
CMY	0.3686, 0.3882, 0.9999
CMYK	0.00, 0.03, 1.00, 0.37
HSL	58°, 100%, 32%
HSV	58°, 100%, 63%
XYZ	26.5864, 31.3540, 4.6507
YIQ	139.7110, 53.0560, -47.4560

Conversions

Conversions Part 2

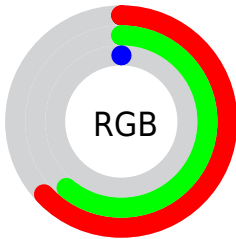
Format	Color
RYB	5, 161, 0
Decimal	10591232
CIELab	62.81, -12.68, 65.96
CIELCh	63, 67.168, 100.883
Yxy	31.3540, 0.4248, 0.5009
Android (android.graphics.Color)	4288781312 (0xFFA19C00)
YUV	139.7110, -68.8775, 18.6705
Hunter-Lab	55.9946, -13.2384, 34.2719

Details

The XYZ color **26.5864, 31.3540, 4.6507** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.4875, 2.6820, 33.8936**, and the grayscale version is **25.0608, 26.3659, 28.7124**.

A 20% lighter version of the original color is **53.4626, 61.6343, 15.3822**, and **10.8773, 13.1064, 1.9565** is the 20% darker color. If you saturate the color by 10%, you get **26.5870, 31.3553, 4.6509**, and if you desaturate by 10%, it is **26.7654, 31.5612, 5.1759**.

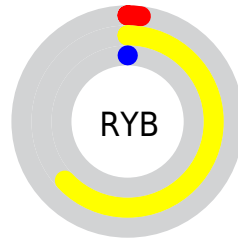
Distribution



Red (63%)

Green (61%)

Blue (0%)



Red (2%)

Yellow (63%)

Blue (0%)

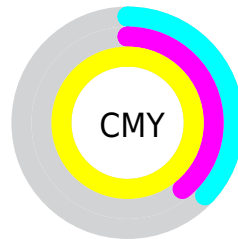


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5864, 31.3540, 4.6507 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 26.5864, 31.3540, 4.6507 by changing the saturation by 10% instead.

■ 26.5864, 31.3540,
4.6507

■ 26.5864, 31.3540,
4.6507

277.8531,
308.1659, 155.2045

■ 17.3978, 20.8686,
1.9887

■ 53.6440, 61.7970,
15.4847

■ 10.6156, 13.0280,
0.5483

■ 72.2438, 82.5233,
24.4937

■ 5.8744, 7.4478,
0.0000

■ 94.7114, 107.4321,
36.4554

■ 2.8088, 3.7437,
0.0000

■ 121.4120,
136.9076, 51.7885

■ 1.0535, 1.5312,
0.0000

■ 152.7112,
171.3344, 70.9114

■ 0.0000, 0.3106,
0.0000

■ 188.9742,

■ 0.0000, 0.0000,

211.0968, 94.2427

0.0000

230.5664,
256.5791, 122.2008

26.5864, 31.3540,
4.6507

26.5864, 31.3540,
4.6507

26.5870, 31.3553,
4.6509

26.7654, 31.5612,
5.1759

27.0190, 31.7976,
6.0953

27.3801, 32.0775,
7.5789

27.8624, 32.4065,
9.6991

28.4775, 32.7892,
12.5174

■ 29.2359, 33.2297,
16.0882

■ 30.1469, 33.7318,
20.4605

■ 31.2188, 34.2989,
25.6790

■ 32.4597, 34.9341,
31.7854

Harmonies

Analogous

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



35.9738, 31.3540, 5.1669



26.5864, 31.3540, 4.6507



19.6632, 31.3540, 8.3848

Triad

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



26.5864, 31.3540, 4.6507



18.3338, 31.3540, 79.1555



49.8197, 31.3540, 53.5500

Complementary

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



26.5864, 31.3540, 4.6507



6.4875, 2.6820, 33.8936

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.



42.9340, 31.3540, 88.5070



26.5864, 31.3540, 4.6507



24.3781, 31.3540, 107.7999

Square

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



26.5864, 31.3540, 4.6507



15.5934, 31.3540, 44.6180



33.2649, 31.3540, 111.9008



50.7509, 31.3540, 25.4447

Rectangle

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



26.5864, 31.3540, 4.6507



16.8710, 31.3540, 14.9538



33.2649, 31.3540, 111.9008



48.0671, 31.3540, 65.1770

Sweetspot

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



26.5871, 31.3555, 4.6513



53.8900, 60.3569, 36.1550



14.7274, 7.5891, 0.8431



11.6718, 13.1570, 7.2207



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.



26.5871, 31.3555, 4.6513



47.5873, 56.0989, 8.3201



16.5709, 27.4619, 4.4277



7.6305, 8.1994, 7.5606



21.2402, 25.0543, 3.7165



0.4517, 0.5373, 0.0799

Inverse Universe

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



6.4875, 2.6820, 33.8936



11.5914, 4.7492, 60.6923



9.3458, 4.0750, 34.0119



6.7173, 6.8935, 8.8796



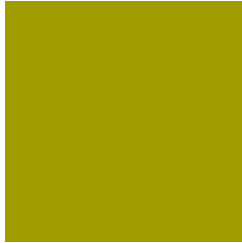
5.1868, 2.1530, 27.0720



0.1140, 0.0552, 0.5705

Previews

White Background



This preview shows how the XYZ color 26.5864, 31.3540, 4.6507 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 26.5864, 31.3540, 4.6507 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 26.5864, 31.3540, 4.6507

Background



This preview shows how black text looks on a background with the XYZ color 26.5864, 31.3540, 4.6507.



This preview shows how white text looks on a background with the XYZ color 26.5864, 31.3540,

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

26.5864, 31.3540, 4.6507

Protanopia

28.2415, 31.2271, 4.5390

Deuteranopia

31.8661, 31.2148, 5.1562



Tritanopia

32.9207, 31.3090, 35.7606

Trichromacy



Original Color

26.5864, 31.3540, 4.6507

Protanomaly

27.5397, 31.1073, 4.5528

Deuteranomaly

29.7322, 31.0381, 4.8758

Tritanomaly

28.9359, 30.6112, 16.1879

Monochromacy



Original Color

26.5864, 31.3540, 4.6507

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.2948, 27.5749, 13.4932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5864, 31.3540, 4.6507 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, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 156, 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, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 156, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.5864, 31.3540, 4.6507 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, 156, 0) }
```


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

```
.border{ border-color:rgb(161, 156, 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, 156, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 156,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5864, 31.3540, 4.6507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 156, 0) }
```

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

```
.background{ background-color: rgb(161,  
156, 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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