

Converting Colors

XYZ(25.9484, 30.9285, 6.1375)

Have a look what the booklet for
XYZ(25.9484, 30.9285, 6.1375)
contains.

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Color

**XYZ(26.0818, 31.0605,
6.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9C22
RGB	157, 156, 34
RGB Percent	62%, 61%, 13%
CMY	0.3843, 0.3882, 0.8666
CMYK	0.00, 0.01, 0.78, 0.38
HSL	60°, 64%, 37%
HSV	60°, 78%, 62%
XYZ	26.0818, 31.0605, 6.1340
YIQ	142.3910, 39.7580, -37.7300

Conversions

Conversions Part 2

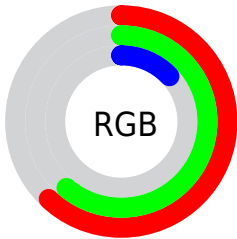
Format	Color
RYB	35, 157, 34
Decimal	10329122
CIELab	62.56, -13.70, 58.78
CIELCh	63, 60.352, 103.121
Yxy	31.0605, 0.4122, 0.4909
Android (android.graphics.Color)	4288519202 (0xFF9D9C22)
YUV	142.3910, -53.4368, 12.8121
Hunter-Lab	55.7319, -13.9953, 32.4868

Details

The XYZ color **26.0818, 31.0605, 6.1340** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.3467, 3.9766, 32.2784**, and the grayscale version is **26.0614, 27.4186, 29.8589**.

A 20% lighter version of the original color is **52.9164, 61.2784, 18.7118**, and **10.5311, 12.9279, 1.9403** is the 20% darker color. If you saturate the color by 10%, you get **25.8841, 30.9485, 5.1949**, and if you desaturate by 10%, it is **26.3844, 31.2168, 7.6192**.

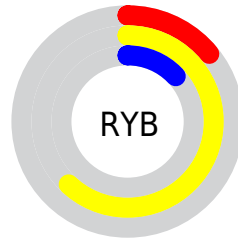
Distribution



Red (62%)

Green (61%)

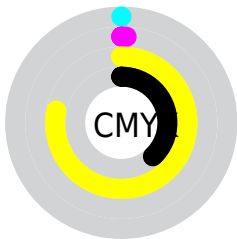
Blue (13%)



Red (14%)

Yellow (62%)

Blue (13%)

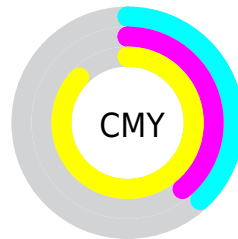


Cyan (0%)

Magenta (1%)

Yellow (78%)

Black (38%)



Cyan (38%)

Magenta (39%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0818, 31.0605, 6.1340 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 26.0818, 31.0605, 6.1340 by changing the saturation by 10% instead.

■ 26.0818, 31.0605,
6.1340

■ 26.0818, 31.0605,
6.1340

275.4327,
306.8169, 169.6086

■ 17.0178, 20.6449,
2.8566

■ 52.8372, 61.3353,
18.6908

■ 10.3426, 12.8647,
1.0219

■ 71.2594, 81.9633,
28.8074

■ 5.6907, 7.3354,
0.0000

■ 93.5318, 106.7643,
42.0408

■ 2.6968, 3.6728,
0.0000

■ 120.0196,
136.1226, 58.8095

■ 0.9955, 1.4922,
0.0000

■ 151.0882,
170.4226, 79.5321

■ 0.0000, 0.2833,
0.0000

■ 187.1031,

■ 0.0000, 0.0000,

210.0487, 104.6271

0.0000

228.4294,
255.3854, 134.5131

■ 26.0818, 31.0605,
6.1340

■ 26.0818, 31.0605,
6.1340

■ 25.8841, 30.9485,
5.1949

■ 26.3844, 31.2168,
7.6192

■ 25.7654, 30.8670,
4.6748

■ 26.8023, 31.4181,
9.7145

■ 25.7476, 30.8542,
4.5984

■ 27.3469, 31.6702,
12.4769

■ 28.0277, 31.9767,
15.9566

■ 28.8534, 32.3413,
20.1988

■ 29.8318, 32.7669,
25.2452

■ 30.9702, 33.2566,
31.1343

■ 32.2756, 33.8132,
37.9022

■ 33.7543, 34.4390,
45.5829

Harmonies

Analogous

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



34.3467, 31.0605, 6.3832



26.0818, 31.0605, 6.1340



19.9934, 31.0605, 10.3903

Triad

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



26.0818, 31.0605, 6.1340



19.4341, 31.0605, 75.0878



47.3500, 31.0605, 48.7175

Complementary

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



26.0818, 31.0605, 6.1340



7.3467, 3.9766, 32.2784

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.



41.6798, 31.0605, 78.7130



26.0818, 31.0605, 6.1340



25.1718, 31.0605, 98.1466

Square

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



26.0818, 31.0605, 6.1340



16.6630, 31.0605, 45.1549



33.2523, 31.0605, 99.7163



47.7181, 31.0605, 24.5603

Rectangle

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



26.0818, 31.0605, 6.1340



17.5620, 31.0605, 17.2216



33.2523, 31.0605, 99.7163



45.9588, 31.0605, 58.6526

Sweetspot

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



26.0825, 31.0620, 6.1346



52.3204, 58.2029, 39.5047



14.7960, 8.4401, 2.5228



11.3908, 12.7539, 8.0644



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.0825, 31.0620, 6.1346



46.1956, 55.3164, 8.5979



17.3345, 26.8011, 5.7733



7.1656, 7.7112, 7.0964



20.9133, 25.0623, 3.7352



0.3752, 0.4507, 0.0672

Inverse Universe

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



7.3467, 3.9766, 32.2784



11.2083, 4.7480, 57.4525



11.2181, 5.9295, 32.4513



6.2888, 6.4434, 8.3189



4.9553, 2.0022, 26.0325



0.0897, 0.0380, 0.4658

Previews

White Background



This preview shows how the XYZ color 26.0818, 31.0605, 6.1340 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 26.0818, 31.0605, 6.1340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

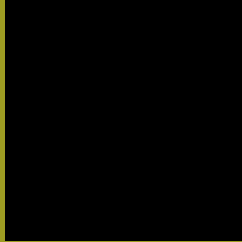
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.0818, 31.0605, 6.1340

Background



This preview shows how black text looks on a background with the XYZ color 26.0818, 31.0605, 6.1340.



This preview shows how white text looks on a background with the XYZ color 26.0818, 31.0605,

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

26.0818, 31.0605, 6.1340

Protanopia

28.0803, 31.1123, 5.9641

Deuteranopia

31.5915, 31.0469, 6.3351



Tritanopia

32.1476, 30.9006, 36.1683

Trichromacy



Original Color

26.0818, 31.0605, 6.1340

Protanomaly

27.1828, 30.8916, 5.9688

Deuteranomaly

29.2999, 30.7847, 6.2315

Tritanomaly

28.7763, 30.4513, 19.6902

Monochromacy



Original Color

26.0818, 31.0605, 6.1340

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.9145, 28.0498, 16.9330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0818, 31.0605, 6.1340 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(157, 156, 34)` looks like.

```
.text, #text, p{  
    color:rgb(157, 156, 34)  
}
```

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(157, 156, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 156, 34) }
```

Border

The CSS property to change the border of an element to XYZ 26.0818, 31.0605, 6.1340 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(157, 156, 34) }
```


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

```
.border{ border-color:rgb(157, 156, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 156, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 156, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 156, 34);  
box-shadow:4px 4px 4px 4px rgb(157, 156,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0818, 31.0605, 6.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 156, 34) }
```

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

```
.background{ background-color: rgb(157,  
156, 34) }
```

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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