

Converting Colors

XYZ(25.4947, 31.7610, 2.3328)

Have a look what the booklet for
XYZ(25.4947, 31.7610, 2.3328)
contains.

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Color

**XYZ(26.0884, 32.1102,
4.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA000
RGB	155, 160, 0
RGB Percent	61%, 63%, 0%
CMY	0.3922, 0.3725, 0.9999
CMYK	0.03, 0.00, 1.00, 0.37
HSL	62°, 100%, 31%
HSV	62°, 100%, 63%
XYZ	26.0884, 32.1102, 4.8229
YIQ	140.2650, 48.3800, -50.8200

Conversions

Conversions Part 2

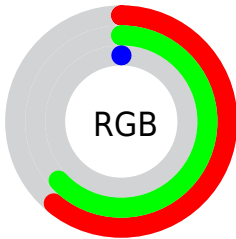
Format	Color
RYB	0, 160, 5
Decimal	10199040
CIELab	63.43, -17.44, 66.19
CIELCh	63, 68.451, 104.765
Yxy	32.1102, 0.4140, 0.5095
Android (android.graphics.Color)	4288389120 (0xFF9BA000)
YUV	140.2650, -69.1506, 12.9226
Hunter-Lab	56.6659, -16.9856, 34.6199

Details

The XYZ color **26.0884, 32.1102, 4.8229** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.4085, 2.5709, 33.4182**, and the grayscale version is **25.2795, 26.5960, 28.9631**.

A 20% lighter version of the original color is **52.9770, 63.2414, 15.8932**, and **10.6142, 13.5899, 2.0637** is the 20% darker color. If you saturate the color by 10%, you get **26.0890, 32.1116, 4.8231**, and if you desaturate by 10%, it is **26.2790, 32.1987, 5.3207**.

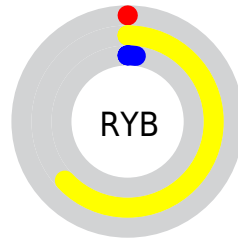
Distribution



Red (61%)

Green (63%)

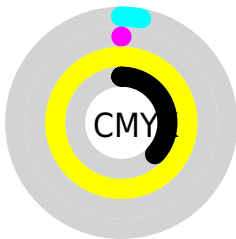
Blue (0%)



Red (0%)

Yellow (63%)

Blue (2%)

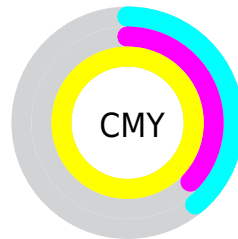


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (39%)


Magenta (37%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0884, 32.1102, 4.8229 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 26.0884, 32.1102, 4.8229 by changing the saturation by 10% instead.


 26.0884, 32.1102,
4.8229


 26.0884, 32.1102,
4.8229


275.4645,
311.6209, 156.9745


 17.0228, 21.4457,
2.0868


 52.8478, 62.9838,
15.8671


 10.3462, 13.4502,
0.6079


 71.2723, 83.9617,
25.0123


 5.6931, 7.7393,
0.0000


 93.5472, 109.1462,
37.1309

 2.6982, 3.9286,
0.0000

 120.0378,
138.9216, 52.6415

 0.9963, 1.6337,
0.0000

 151.1095,
173.6724, 71.9626


 0.0000, 0.3801,
0.0000


 187.1276,


 0.0000, 0.0000,


213.7829, 95.5128


0.0000


 228.4575,
259.6377, 123.7106


 26.0884, 32.1102,
4.8229


 26.0884, 32.1102,
4.8229


 26.0890, 32.1116,
4.8231

 26.2790, 32.1987,
5.3207

 26.5429, 32.3155,
6.2062

 26.9129, 32.4747,
7.6478

 27.4024, 32.6818,
9.7169

 28.0230, 32.9413,
12.4740

■ 28.7848, 33.2574,
15.9727

■ 29.6970, 33.6336,
20.2612

■ 30.7679, 34.0735,
25.3836

■ 32.0054, 34.5799,
31.3808

Harmonies

Analogous

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



35.5871, 32.1102, 4.8527



26.0884, 32.1102, 4.8229



19.3591, 32.1102, 9.3876

Triad

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



26.0884, 32.1102, 4.8229



19.2808, 32.1102, 86.3970



51.8072, 32.1102, 50.6270

Complementary

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



26.0884, 32.1102, 4.8229



6.4085, 2.5709, 33.4182

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.



45.3099, 32.1102, 86.9543



26.0884, 32.1102, 4.8229



25.9579, 32.1102, 113.8572

Square

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



26.0884, 32.1102, 4.8229



16.0207, 32.1102, 50.0969



35.4265, 32.1102, 114.1021



51.8626, 32.1102, 23.2318

Rectangle

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



26.0884, 32.1102, 4.8229



16.7758, 32.1102, 17.0367



35.4265, 32.1102, 114.1021



50.2526, 32.1102, 62.4133

Sweetspot

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



26.0891, 32.1117, 4.8236



53.8127, 61.0221, 36.2875



14.5273, 7.5323, 0.6886



11.6527, 13.3216, 7.2535



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.



26.0891, 32.1117, 4.8236



47.3336, 58.2847, 8.7553



15.6600, 26.7353, 4.3355



7.1496, 7.7098, 7.0970



20.3288, 25.0166, 3.7572



0.3692, 0.4502, 0.0674

Inverse Universe

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



6.4085, 2.5709, 33.4182



11.6029, 4.6506, 60.6727



9.8845, 4.3628, 33.5809



6.3030, 6.4447, 8.3184



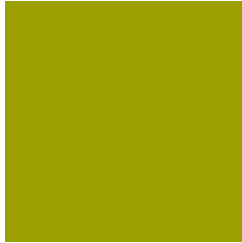
4.9987, 2.0059, 26.0310



0.0944, 0.0384, 0.4657

Previews

White Background



This preview shows how the XYZ color 26.0884, 32.1102, 4.8229 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 26.0884, 32.1102, 4.8229 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 26.0884, 32.1102, 4.8229

Background



This preview shows how black text looks on a background with the XYZ color 26.0884, 32.1102, 4.8229.

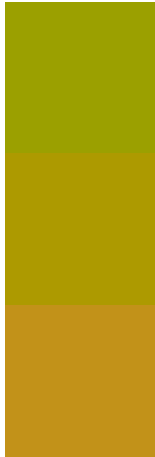


This preview shows how white text looks on a background with the XYZ color 26.0884, 32.1102,

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

26.0884, 32.1102, 4.8229

Protanopia

28.7892, 31.9954, 4.6584

Deuteranopia

32.7025, 32.0973, 5.3915



Tritanopia

32.8185, 32.1399, 37.7316

Trichromacy



Original Color

26.0884, 32.1102, 4.8229

Protanomaly

27.6144, 31.8839, 4.6988

Deuteranomaly

29.9825, 31.8739, 5.0622

Tritanomaly

28.6898, 31.4232, 17.1235

Monochromacy



Original Color

26.0884, 32.1102, 4.8229

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.9139, 27.6084, 13.5198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0884, 32.1102, 4.8229 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(155, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 160, 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(155, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 160, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.0884, 32.1102, 4.8229 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(155, 160, 0) }
```


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

```
.border{ border-color:rgb(155, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 160,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0884, 32.1102, 4.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 160, 0) }
```

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

```
.background{ background-color: rgb(155,  
160, 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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