

Converting Colors

XYZ(26.1586, 30.7982, 16.4469)

Have a look what the booklet for
XYZ(26.1586, 30.7982, 16.4469)
contains.

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Color

**XYZ(26.1732, 30.8808,
16.3855)**

Conversions

Conversions Part 1

Format	Color
Hex	939C63
RGB	147, 156, 99
RGB Percent	58%, 61%, 39%
CMY	0.4235, 0.3882, 0.6118
CMYK	0.06, 0.00, 0.37, 0.39
HSL	69°, 22%, 50%
HSV	69°, 37%, 61%
XYZ	26.1732, 30.8808, 16.3855
YIQ	146.8110, 12.9330, -19.6350

Conversions

Conversions Part 2

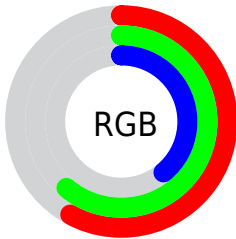
Format	Color
RYB	99, 156, 108
Decimal	9673827
CIELab	62.41, -12.67, 28.80
CIELCh	62, 31.466, 113.738
Yxy	30.8808, 0.3564, 0.4205
Android (android.graphics.Color)	4287863907 (0xFF939C63)
YUV	146.8110, -23.5708, 0.1658
Hunter-Lab	55.5705, -13.1765, 21.4171

Details

The XYZ color **26.1732, 30.8808, 16.3855** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.6481, 14.5129, 33.3781**, and the grayscale version is **27.7462, 29.1912, 31.7892**.

A 20% lighter version of the original color is **52.9087, 60.8518, 37.8111**, and **10.3684, 12.7751, 5.0513** is the 20% darker color. If you saturate the color by 10%, you get **25.0614, 30.3867, 12.8094**, and if you desaturate by 10%, it is **27.4401, 31.4402, 20.7222**.

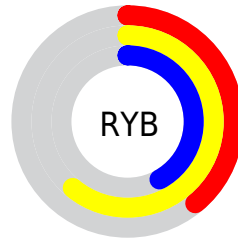
Distribution



Red (58%)

Green (61%)

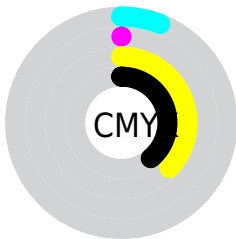
Blue (39%)



Red (39%)

Yellow (61%)

Blue (42%)

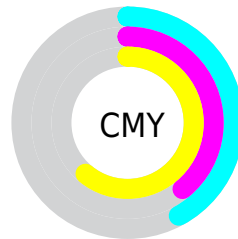


Cyan (6%)

Magenta (0%)

Yellow (37%)

Black (39%)



Cyan (42%)

Magenta (39%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1732, 30.8808, 16.3855 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 26.1732, 30.8808, 16.3855 by changing the saturation by 10% instead.

■ 26.1732, 30.8808,
16.3855

■ 26.1732, 30.8808,
16.3855

275.8724,
305.9888, 243.5287

■ 17.0866, 20.5081,
9.6401

■ 52.9835, 61.0524,
38.0422

■ 10.3920, 12.7649,
5.0585

■ 71.4380, 81.6200,
53.7906

■ 5.7239, 7.2669,
2.2223

■ 93.7458, 106.3547,
73.3770

■ 2.7170, 3.6296,
0.6872

■ 120.2723,
135.6410, 97.2200

■ 1.0059, 1.4686,
0.0000

151.3829,
169.8631, 125.7381

■ 0.0000, 0.2665,
0.0000

187.4428,

■ 0.0000, 0.0000,

209.4055, 159.3499

0.0000

228.8176,
254.6526, 198.4740

■ 26.1732, 30.8808,
16.3855

■ 26.1732, 30.8808,
16.3855

■ 25.0614, 30.3867,
12.8094

■ 27.4401, 31.4402,
20.7222

■ 24.0941, 29.9503,
9.9481

■ 28.8675, 32.0639,
25.8579

■ 23.2627, 29.5694,
7.7539

■ 30.4634, 32.7561,
31.8308

■ 22.5569, 29.2398,
6.1725

■ 32.2345, 33.5194,
38.6759

■ 21.9646, 28.9567,
5.1410

■ 34.1871, 34.3565,
46.4265

■ 21.4681, 28.7130,
4.5657

■ 36.3273, 35.2698,
55.1139

■ 21.3054, 28.6325,
4.4037

■ 38.6608, 36.2615,
64.7680

■ 41.1931, 37.3338,
75.4174

■ 43.9294, 38.4889,
87.0894

Harmonies

Analogous

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



30.2546, 30.8808, 15.2685



26.1732, 30.8808, 16.3855



23.2247, 30.8808, 21.5608

Triad

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



26.1732, 30.8808, 16.3855



24.7643, 30.8808, 56.3309



38.2780, 30.8808, 36.2505

Complementary

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



26.1732, 30.8808, 16.3855



16.6481, 14.5129, 33.3781

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.



36.4703, 30.8808, 49.5109



26.1732, 30.8808, 16.3855



28.4661, 30.8808, 62.7793

Square

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



26.1732, 30.8808, 16.3855



22.4681, 30.8808, 43.9888



32.7767, 30.8808, 60.0212



37.5136, 30.8808, 25.0303

Rectangle

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



26.1732, 30.8808, 16.3855



22.1636, 30.8808, 27.4683



32.7767, 30.8808, 60.0212



37.9459, 30.8808, 40.6366

Sweetspot

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



26.1740, 30.8822, 16.3862



53.9322, 58.8871, 52.5418



21.2787, 18.6001, 14.2735



11.7887, 12.9236, 11.2672



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.



26.1740, 30.8822, 16.3862



45.8345, 55.3303, 24.2554



21.7426, 28.5977, 16.1788



7.0672, 7.6673, 7.0931



17.5721, 23.5955, 3.6282



0.3394, 0.4349, 0.0661

Inverse Universe

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



16.6481, 14.5129, 33.3781



25.9086, 21.0702, 59.8282



20.6251, 16.5631, 33.5642



6.3775, 6.4831, 8.3219



5.2861, 2.1541, 26.0444



0.1186, 0.0509, 0.4668

Previews

White Background



This preview shows how the XYZ color 26.1732, 30.8808, 16.3855 looks on a white background.

Color Contrast Check

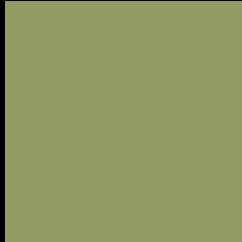
Large Text (above 18pt) WCAG AA × Fail

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 26.1732, 30.8808, 16.3855 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 26.1732, 30.8808, 16.3855

Background



This preview shows how black text looks on a background with the XYZ color 26.1732, 30.8808, 16.3855.



This preview shows how white text looks on a background with the XYZ color 26.1732, 30.8808,

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

26.1732, 30.8808, 16.3855

Protanopia

28.5341, 30.8888, 15.7675

Deuteranopia

31.1939, 30.6091, 16.8344



Tritanopia

30.6102, 31.0015, 37.6283

Trichromacy



Original Color

26.1732, 30.8808, 16.3855

Protanomaly

27.6964, 30.9334, 16.0663

Deuteranomaly

29.0873, 30.4442, 16.6552

Tritanomaly

28.7646, 30.9669, 28.5059

Monochromacy



Original Color

26.1732, 30.8808, 16.3855

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.9682, 29.6274, 25.4164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1732, 30.8808, 16.3855 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(147, 156, 99)` looks like.

```
.text, #text, p{  
    color:rgb(147, 156, 99)  
}
```

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(147, 156, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 156, 99) }
```

Border

The CSS property to change the border of an element to XYZ 26.1732, 30.8808, 16.3855 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(147, 156, 99) }
```


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

```
.border{ border-color:rgb(147, 156, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 156, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 156, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 156, 99);  
box-shadow:4px 4px 4px 4px rgb(147, 156,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1732, 30.8808, 16.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 156, 99) }
```

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

```
.background{ background-color: rgb(147,  
156, 99) }
```

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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