

Converting Colors

XYZ(26.4709, 30.9279, 16.1289)

Have a look what the booklet for
XYZ(26.4709, 30.9279, 16.1289)
contains.

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Color

**XYZ(26.4875, 31.0483,
16.1522)**

Conversions

Conversions Part 1

Format	Color
Hex	959C62
RGB	149, 156, 98
RGB Percent	58%, 61%, 38%
CMY	0.4157, 0.3882, 0.6157
CMYK	0.04, 0.00, 0.37, 0.39
HSL	67°, 23%, 50%
HSV	67°, 37%, 61%
XYZ	26.4875, 31.0483, 16.1522
YIQ	147.2950, 14.4460, -19.5220

Conversions

Conversions Part 2

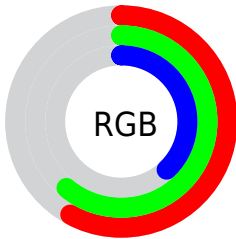
Format	Color
RYB	98, 156, 105
Decimal	9804898
CIELab	62.55, -11.98, 29.55
CIELCh	63, 31.890, 112.065
Yxy	31.0483, 0.3595, 0.4213
Android (android.graphics.Color)	4287994978 (0xFF959C62)
YUV	147.2950, -24.3024, 1.4953
Hunter-Lab	55.7210, -12.6601, 21.8179

Details

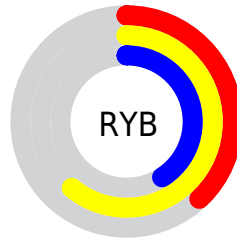
The XYZ color **26.4875, 31.0483, 16.1522** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.1953, 14.1398, 33.3299**, and the grayscale version is **27.9493, 29.4048, 32.0219**.

A 20% lighter version of the original color is **53.3732, 61.1005, 37.4143**, and **10.5571, 12.8748, 4.9463** is the 20% darker color. If you saturate the color by 10%, you get **25.4810, 30.6074, 12.6278**, and if you desaturate by 10%, it is **27.6448, 31.5523, 20.4343**.

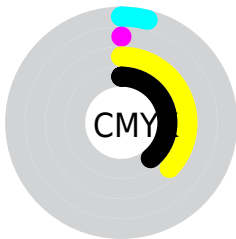
Distribution



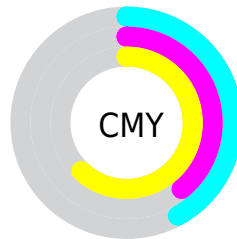
- Red (58%)
- Green (61%)
- Blue (38%)



- Red (38%)
- Yellow (61%)
- Blue (41%)



- Cyan (4%)
- Magenta (0%)
- Yellow (37%)
- Black (39%)



- Cyan (42%)
- Magenta (39%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4875, 31.0483, 16.1522 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 26.4875, 31.0483, 16.1522 by changing the saturation by 10% instead.

■ 26.4875, 31.0483,
16.1522

■ 26.4875, 31.0483,
16.1522

277.3801,
306.7608, 242.1144

■ 17.3233, 20.6356,
9.4764

■ 53.4861, 61.3161,
37.6327

■ 10.5620, 12.8579,
4.9522

■ 72.0512, 81.9400,
53.2745

■ 5.8382, 7.3308,
2.1610

■ 94.4806, 106.7365,
72.7420

■ 2.7867, 3.6698,
0.6517

■ 121.1397,
136.0899, 96.4537

■ 1.0420, 1.4906,
0.0000

152.3938,
170.3846, 124.8283

■ 0.0000, 0.2821,
0.0000

188.6084,

■ 0.0000, 0.0000,

210.0051, 158.2843

0.0000

230.1487,
255.3357, 197.2402

■ 26.4875, 31.0483,
16.1522

■ 26.4875, 31.0483,
16.1522

■ 25.4810, 30.6074,
12.6278

■ 27.6448, 31.5523,
20.4343

■ 24.6144, 30.2220,
9.8151

■ 28.9581, 32.1183,
25.5128

■ 23.8793, 29.8899,
7.6660

■ 30.4355, 32.7506,
31.4259

■ 23.2653, 29.6068,
6.1257

■ 32.0837, 33.4519,
38.2089

■ 22.7602, 29.3679,
5.1308

■ 33.9091, 34.2246,
45.8951

■ 22.3445, 29.1654,
4.5781

■ 35.9175, 35.0713,
54.5160

■ 22.2330, 29.1107,
4.4471

■ 38.1148, 35.9942,
64.1014

■ 40.5064, 36.9954,
74.6802

■ 43.0976, 38.0771,
86.2797

Harmonies

Analogous

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



30.6768, 31.0483, 15.2407



26.4875, 31.0483, 16.1522



23.4101, 31.0483, 21.1472

Triad

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



26.4875, 31.0483, 16.1522



24.6751, 31.0483, 56.3569



38.5639, 31.0483, 37.2118

Complementary

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



26.4875, 31.0483, 16.1522



16.1953, 14.1398, 33.3299

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.



36.5881, 31.0483, 50.7163



26.4875, 31.0483, 16.1522



28.3741, 31.0483, 63.4049

Square

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



26.4875, 31.0483, 16.1522



22.4373, 31.0483, 43.5946



32.7551, 31.0483, 61.1206



37.9329, 31.0483, 25.6052

Rectangle

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



26.4875, 31.0483, 16.1522



22.2666, 31.0483, 26.9724



32.7551, 31.0483, 61.1206



38.1763, 31.0483, 41.7068

Sweetspot

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



26.4883, 31.0497, 16.1529



54.1565, 59.0028, 52.5523



20.9438, 18.0063, 13.9275



11.8434, 12.9518, 11.2698



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.



26.4883, 31.0497, 16.1529



46.4994, 55.6864, 23.6854



21.8723, 28.6701, 15.9368



7.0913, 7.6797, 7.0942



18.3315, 23.9869, 3.6638



0.3478, 0.4392, 0.0664

Inverse Universe

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



16.1953, 14.1398, 33.3299



24.9245, 20.2242, 59.7167



20.1638, 16.1856, 33.5156



6.3555, 6.4717, 8.3209



5.1783, 2.0985, 26.0394



0.1115, 0.0473, 0.4665

Previews

White Background



This preview shows how the XYZ color 26.4875, 31.0483, 16.1522 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 26.4875, 31.0483, 16.1522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

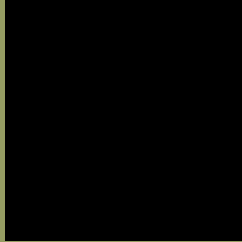
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4875, 31.0483, 16.1522

Background



This preview shows how black text looks on a background with the XYZ color 26.4875, 31.0483, 16.1522.



This preview shows how white text looks on a background with the XYZ color 26.4875, 31.0483,

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

26.4875, 31.0483, 16.1522

Protanopia

28.6950, 30.9771, 15.5331

Deuteranopia

31.5304, 31.0141, 16.6364



Tritanopia

30.8397, 30.8860, 37.5939

Trichromacy



Original Color

26.4875, 31.0483, 16.1522

Protanomaly

27.8470, 31.0165, 15.8283

Deuteranomaly

29.4099, 30.8500, 16.4612

Tritanomaly

28.9084, 30.8094, 28.0901

Monochromacy



Original Color

26.4875, 31.0483, 16.1522

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.0815, 29.6936, 25.0730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4875, 31.0483, 16.1522 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(149, 156, 98)` looks like.

```
.text, #text, p{  
    color:rgb(149, 156, 98)  
}
```

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(149, 156, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 156, 98) }
```

Border

The CSS property to change the border of an element to XYZ 26.4875, 31.0483, 16.1522 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(149, 156, 98) }
```


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

```
.border{ border-color:rgb(149, 156, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 156, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 156, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 156, 98);  
box-shadow:4px 4px 4px 4px rgb(149, 156,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4875, 31.0483, 16.1522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 156, 98) }
```

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

```
.background{ background-color: rgb(149,  
156, 98) }
```

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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