

Converting Colors

XYZ(25.9938, 32.0337, 25.8973)

Have a look what the booklet for
XYZ(25.9938, 32.0337, 25.8973)
contains.

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Color

**XYZ(26.0029, 32.1195,
25.9483)**

Conversions

Conversions Part 1

Format	Color
Hex	81A282
RGB	129, 162, 130
RGB Percent	51%, 64%, 51%
CMY	0.4941, 0.3647, 0.4902
CMYK	0.20, 0.00, 0.20, 0.36
HSL	122°, 15%, 57%
HSV	122°, 20%, 64%
XYZ	26.0029, 32.1195, 25.9483
YIQ	148.4850, -9.3960, -16.9480

Conversions

Conversions Part 2

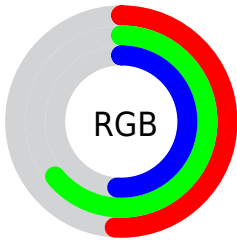
Format	Color
RYB	129, 161, 162
Decimal	8495746
CIELab	63.44, -17.83, 12.97
CIELCh	63, 22.051, 143.971
Yxy	32.1195, 0.3093, 0.3821
Android (android.graphics.Color)	4286685826 (0xFF81A282)
YUV	148.4850, -9.1131, -17.0883
Hunter-Lab	56.6741, -17.2812, 12.5258

Details

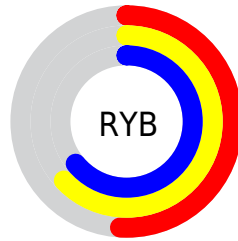
The XYZ color **26.0029, 32.1195, 25.9483** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.1847, 25.9559, 37.1915**, and the grayscale version is **28.3915, 29.8700, 32.5285**.

A 20% lighter version of the original color is **52.6515, 62.9897, 54.1829**, and **10.2856, 13.4082, 9.8305** is the 20% darker color. If you saturate the color by 10%, you get **22.7593, 30.5610, 20.7062**, and if you desaturate by 10%, it is **29.7994, 33.9463, 32.0580**.

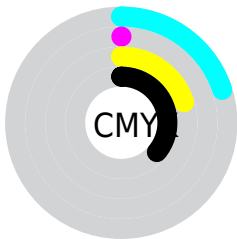
Distribution



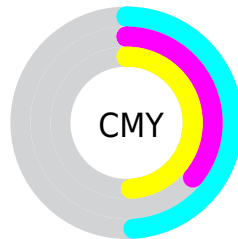
- Red (51%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)



- Cyan (49%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0029, 32.1195, 25.9483 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 26.0029, 32.1195, 25.9483 by changing the saturation by 10% instead.

■ 26.0029, 32.1195,
25.9483

■ 26.0029, 32.1195,
25.9483

275.0528,
311.6633, 296.1256

■ 16.9585, 21.4528,
16.5595

■ 52.7109, 62.9984,
54.1746

■ 10.3000, 13.4554,
9.7623

■ 71.1052, 83.9793,
73.8492

■ 5.6621, 7.7429,
5.1381

■ 93.3468, 109.1672,
97.7895

■ 2.6794, 3.9309,
2.2684

119.8012,
138.9463, 126.4141

■ 0.9866, 1.6350,
0.7134

150.8336,
173.7010, 160.1414

■ 0.0000, 0.3810,
0.0000

186.8094,

■ 0.0000, 0.0000,

213.8159, 199.3901

0.0000

228.0940,
259.6751, 244.5787

■ 26.0029, 32.1195,
25.9483

■ 26.0029, 32.1195,
25.9483

■ 22.7593, 30.5610,
20.7062

■ 29.7994, 33.9463,
32.0580

■ 20.0405, 29.2543,
16.2905

■ 34.1702, 36.0489,
39.0700

■ 17.8196, 28.1874,
12.6595

■ 39.1386, 38.4394,
47.0194

■ 16.0664, 27.3458,
9.7675

■ 44.7261, 41.1282,
55.9391

■ 14.7475, 26.7133,
7.5637

■ 50.9529, 44.1251,
65.8603

■ 13.8250, 26.2716,
5.9910

■ 57.8383, 47.4393,
76.8126

■ 13.2544, 25.9992,
4.9833

■ 65.4009, 51.0800,
88.8248

■ 12.9478, 25.8527,
4.4486

■ 72.2109, 54.3219,
101.2870

Harmonies

Analogous

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



28.1946, 32.1195, 21.6973



26.0029, 32.1195, 25.9483



25.0308, 32.1195, 33.2283

Triad

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



26.0029, 32.1195, 25.9483



29.9133, 32.1195, 54.6037



36.2413, 32.1195, 28.5493

Complementary

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



26.0029, 32.1195, 25.9483



29.1847, 25.9559, 37.1915

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.



36.7777, 32.1195, 36.7771



26.0029, 32.1195, 25.9483



32.9880, 32.1195, 52.7893

Square

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



26.0029, 32.1195, 25.9483



27.1892, 32.1195, 50.4889



35.5512, 32.1195, 45.8788



34.1309, 32.1195, 23.0137

Rectangle

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



26.0029, 32.1195, 25.9483



25.1553, 32.1195, 39.2113



35.5512, 32.1195, 45.8788



36.6173, 32.1195, 31.0511

Sweetspot

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



26.0038, 32.1209, 25.9490



57.3441, 63.1867, 63.4114



31.6730, 35.0512, 25.8655



12.7719, 14.1398, 14.0697



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.0038, 32.1209, 25.9490



44.6812, 57.0967, 43.0319



27.1668, 32.5861, 32.0734



6.9938, 7.8984, 7.5794



10.2031, 20.3676, 3.5201



0.2168, 0.4290, 0.0869

Inverse Universe

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



29.1847, 25.9559, 37.1915



51.4166, 44.0425, 66.8361



27.8586, 25.4255, 30.2081



7.3550, 7.1985, 8.8559



16.5424, 7.9730, 25.8449



0.3503, 0.1686, 0.5572

Previews

White Background



This preview shows how the XYZ color 26.0029, 32.1195, 25.9483 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 26.0029, 32.1195, 25.9483 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 26.0029, 32.1195, 25.9483

Background



This preview shows how black text looks on a background with the XYZ color 26.0029, 32.1195, 25.9483.



This preview shows how white text looks on a background with the XYZ color 26.0029, 32.1195,

25.9483.

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

26.0029, 32.1195, 25.9483

Protanopia

30.0574, 31.9702, 24.3253

Deuteranopia

32.5027, 31.9872, 26.6514



Tritanopia

29.3717, 32.2128, 42.2057

Trichromacy



Original Color

26.0029, 32.1195, 25.9483

Protanomaly

28.2969, 31.7933, 24.7240

Deuteranomaly

29.6566, 31.7175, 26.3888

Tritanomaly

27.9874, 32.1494, 35.7407

Monochromacy



Original Color

26.0029, 32.1195, 25.9483

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.1835, 30.3683, 29.6282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0029, 32.1195, 25.9483 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(129, 162, 130)` looks like.

```
.text, #text, p{  
    color:rgb(129, 162, 130)  
}
```

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(129, 162, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 162, 130) }
```

Border

The CSS property to change the border of an element to XYZ 26.0029, 32.1195, 25.9483 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(129, 162, 130) }
```


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

```
.border{ border-color:rgb(129, 162, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 162, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 162, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 162, 130);  
box-shadow:4px 4px 4px 4px rgb(129, 162,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0029, 32.1195, 25.9483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 162, 130) }
```

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

```
.background{ background-color: rgb(129,  
162, 130) }
```

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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