

Converting Colors

XYZ(26.5825, 32.1157, 16.1072)

Have a look what the booklet for
XYZ(26.5825, 32.1157, 16.1072)
contains.

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Color

**XYZ(26.5825, 32.1157,
16.1072)**

Conversions

Conversions Part 1

Format	Color
Hex	92A061
RGB	146, 160, 97
RGB Percent	57%, 63%, 38%
CMY	0.4275, 0.3725, 0.6196
CMYK	0.09, 0.00, 0.39, 0.37
HSL	73°, 25%, 50%
HSV	73°, 39%, 63%
XYZ	26.5825, 32.1157, 16.1072
YIQ	148.6320, 11.8790, -22.5610

Conversions

Conversions Part 2

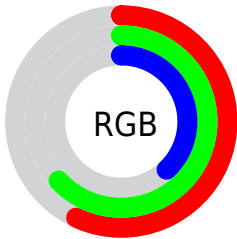
Format	Color
RYB	97, 160, 111
Decimal	9609313
CIELab	63.44, -15.43, 31.19
CIELCh	63, 34.794, 116.318
Yxy	32.1157, 0.3554, 0.4293
Android (android.graphics.Color)	4287799393 (0xFF92A061)
YUV	148.6320, -25.4546, -2.3083
Hunter-Lab	56.6707, -15.4449, 22.8178

Details

The XYZ color **26.5825, 32.1157, 16.1072** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.1768, 14.4679, 35.1469**, and the grayscale version is **28.5131, 29.9980, 32.6679**.

A 20% lighter version of the original color is **53.7331, 63.1565, 37.3754**, and **10.6391, 13.5387, 4.9582** is the 20% darker color. If you saturate the color by 10%, you get **25.2883, 31.5272, 12.5374**, and if you desaturate by 10%, it is **28.0485, 32.7774, 20.4718**.

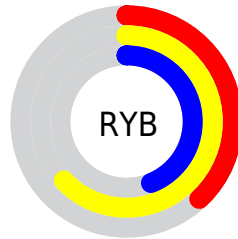
Distribution



Red (57%)

Green (63%)

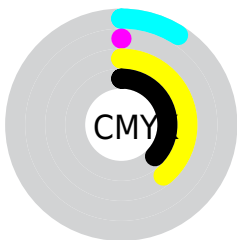
Blue (38%)



Red (38%)

Yellow (63%)

Blue (44%)

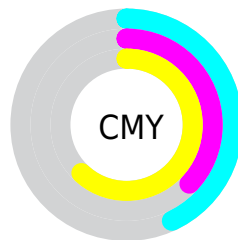


Cyan (9%)

Magenta (0%)

Yellow (39%)

Black (37%)



Cyan (43%)

Magenta (37%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5825, 32.1157, 16.1072 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 26.5825, 32.1157, 16.1072 by changing the saturation by 10% instead.

■ 26.5825, 32.1157,
16.1072

■ 26.5825, 32.1157,
16.1072

277.8345,
311.6460, 241.8407

■ 17.3949, 21.4499,
9.4449

■ 53.6378, 62.9924,
37.5536

■ 10.6135, 13.4533,
4.9317

■ 72.2362, 83.9721,
53.1747

■ 5.8729, 7.7414,
2.1492

■ 94.7023, 109.1586,
72.6192

■ 2.8079, 3.9299,
0.6448

■ 121.4013,
138.9362, 96.3056

■ 1.0530, 1.6344,
0.0000

152.6987,
173.6893, 124.6524

■ 0.0000, 0.3807,
0.0000

188.9598,

■ 0.0000, 0.0000,

213.8024, 158.0781

0.0000

230.5499,
259.6598, 197.0014

■ 26.5825, 32.1157,
16.1072

■ 26.5825, 32.1157,
16.1072

■ 25.2883, 31.5272,
12.5374

■ 28.0485, 32.7774,
20.4718

■ 24.1542, 31.0039,
9.7125

■ 29.6924, 33.5114,
25.6733

■ 23.1707, 30.5431,
7.5800


■ 31.5229, 34.3224,
31.7528


■ 22.3263, 30.1401,
6.0798


■ 33.5474, 35.2133,
38.7486


■ 21.6074, 29.7895,
5.1414


■ 35.7729, 36.1870,
46.6965


 20.9849, 29.4797,
4.6128

 38.2059, 37.2461,
55.6302

 20.9471, 29.4608,
4.5825

 40.8528, 38.3931,
65.5822

 43.7195, 39.6304,
76.5831

 46.8119, 40.9604,
88.6625

Harmonies

Analogous

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



31.1266, 32.1157, 14.5458



26.5825, 32.1157, 16.1072



23.4180, 32.1157, 22.1731

Triad

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



26.5825, 32.1157, 16.1072



25.6497, 32.1157, 62.1632



40.7848, 32.1157, 36.7082

Complementary

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



26.5825, 32.1157, 16.1072



17.1768, 14.4679, 35.1469

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.



38.9416, 32.1157, 51.9286



26.5825, 32.1157, 16.1072



29.9313, 32.1157, 68.8759

Square

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



26.5825, 32.1157, 16.1072



22.9207, 32.1157, 48.1646



34.8392, 32.1157, 64.7089



39.6488, 32.1157, 24.4340

Rectangle

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



26.5825, 32.1157, 16.1072



22.3469, 32.1157, 29.0359



34.8392, 32.1157, 64.7089



40.4885, 32.1157, 41.6587

Sweetspot

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



26.5833, 32.1171, 16.1079



56.2487, 61.8810, 54.3314



22.3024, 19.6303, 13.9233



12.2477, 13.5323, 11.6199



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.



26.5833, 32.1171, 16.1079



46.2403, 57.3907, 23.6283



21.7802, 29.6410, 15.8831



7.0258, 7.6460, 7.0912



16.3553, 22.9682, 3.5713



0.3253, 0.4276, 0.0654

Inverse Universe

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



17.1768, 14.4679, 35.1469



26.8068, 20.8983, 63.0074



21.8021, 16.8523, 35.3634



6.4158, 6.5028, 8.3237



5.5305, 2.2801, 26.0558



0.1309, 0.0573, 0.4674

Previews

White Background



This preview shows how the XYZ color 26.5825, 32.1157, 16.1072 looks on a white background.

Color Contrast Check

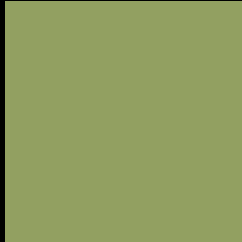
Large Text (above 18pt) WCAG AA × Fail

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 26.5825, 32.1157, 16.1072 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

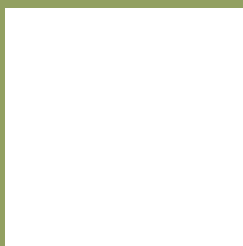
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5825, 32.1157, 16.1072

Background



This preview shows how black text looks on a background with the XYZ color 26.5825, 32.1157, 16.1072.



This preview shows how white text looks on a background with the XYZ color 26.5825, 32.1157,

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

26.5825, 32.1157, 16.1072

Protanopia

29.3480, 31.8061, 15.1821

Deuteranopia

32.5011, 31.9779, 16.5159



Tritanopia

31.2555, 32.0068, 39.6526

Trichromacy



Original Color

26.5825, 32.1157, 16.1072

Protanomaly

28.2521, 31.9741, 15.5090

Deuteranomaly

30.0579, 31.9034, 16.3781

Tritanomaly

29.2175, 31.9154, 29.4313

Monochromacy



Original Color

26.5825, 32.1157, 16.1072

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.6332, 30.6901, 25.5864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5825, 32.1157, 16.1072 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(146, 160, 97)` looks like.

```
.text, #text, p{  
    color:rgb(146, 160, 97)  
}
```

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(146, 160, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 160, 97) }
```

Border

The CSS property to change the border of an element to XYZ 26.5825, 32.1157, 16.1072 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(146, 160, 97) }
```


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

```
.border{ border-color:rgb(146, 160, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 160, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 160, 97); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 160, 97); box-shadow:4px 4px 4px 4px rgb(146, 160, 97) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5825, 32.1157, 16.1072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 160, 97) }
```

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

```
.background{ background-color: rgb(146,  
160, 97) }
```

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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