

Converting Colors

XYZ(26.8555, 32.8017, 18.4179)

Have a look what the booklet for
XYZ(26.8555, 32.8017, 18.4179)
contains.

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Color

**XYZ(26.8495, 32.7209,
18.5363)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA26A
RGB	143, 162, 106
RGB Percent	56%, 64%, 42%
CMY	0.4392, 0.3647, 0.5843
CMYK	0.12, 0.00, 0.35, 0.36
HSL	80°, 23%, 53%
HSV	80°, 35%, 64%
XYZ	26.8495, 32.7209, 18.5363
YIQ	149.9350, 6.6520, -21.4440

Conversions

Conversions Part 2

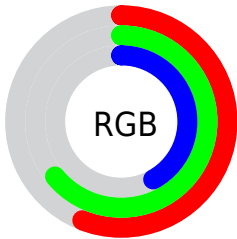
Format	Color
RYB	106, 162, 125
Decimal	9413226
CIELab	63.93, -16.47, 26.97
CIELCh	64, 31.604, 121.413
Yxy	32.7209, 0.3438, 0.4189
Android (android.graphics.Color)	4287603306 (0xFF8FA26A)
YUV	149.9350, -21.6600, -6.0820
Hunter-Lab	57.2022, -16.3197, 20.8287

Details

The XYZ color **26.8495, 32.7209, 18.5363** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.1344, 17.2776, 36.4580**, and the grayscale version is **29.0495, 30.5624, 33.2824**.

A 20% lighter version of the original color is **54.0104, 63.9646, 41.8475**, and **10.7533, 13.7327, 6.0869** is the 20% darker color. If you saturate the color by 10%, you get **25.1571, 31.9378, 14.4673**, and if you desaturate by 10%, it is **28.7493, 33.5946, 23.4472**.

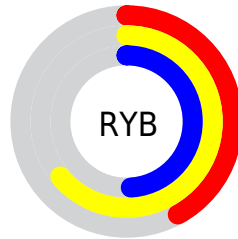
Distribution



Red (56%)

Green (64%)

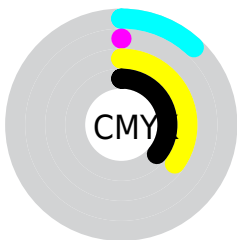
Blue (42%)



Red (42%)

Yellow (64%)

Blue (49%)

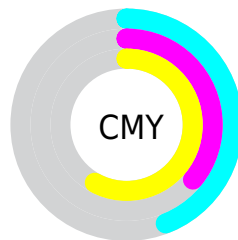


Cyan (12%)

Magenta (0%)

Yellow (35%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8495, 32.7209, 18.5363 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 26.8495, 32.7209, 18.5363 by changing the saturation by 10% instead.

■ 26.8495, 32.7209,
18.5363

■ 26.8495, 32.7209,
18.5363

279.1085,
314.3902, 256.2136

■ 17.5962, 21.9127,
11.1623

■ 54.0639, 63.9395,
41.7753

■ 10.7584, 13.7928,
6.0606

■ 72.7557, 85.1188,
58.4773

■ 5.9707, 7.9767,
2.8126

■ 95.3244, 110.5239,
79.1258

■ 2.8678, 4.0800,
0.9997

■ 122.1353,
140.5391, 104.1393

■ 1.0842, 1.7184,
0.0000

153.5538,
175.5490, 133.9362

■ 0.0119, 0.4355,
0.0000

189.9453,

■ 0.0000, 0.0000,

215.9379, 168.9353

0.0000

231.6751,
262.0902, 209.5549

■ 26.8495, 32.7209,
18.5363

■ 26.8495, 32.7209,
18.5363

■ 25.1571, 31.9378,
14.4673

■ 28.7493, 33.5946,
23.4472

■ 23.6602, 31.2370,
11.1906

■ 30.8631, 34.5583,
29.2416

■ 22.3488, 30.6158,
8.6550


■ 33.2001, 35.6167,
35.9606


■ 21.2113, 30.0692,
6.8022


■ 35.7679, 36.7731,
43.6426


■ 20.2343, 29.5919,
5.5650

■ 38.5742, 38.0306,
52.3233


 19.4015, 29.1773,
4.8619

 41.6260, 39.3919,
62.0370

 18.9879, 28.9697,
4.5909

 44.9299, 40.8600,
72.8160

 48.4926, 42.4375,
84.6916

 52.3202, 44.1269,
97.6935

Harmonies

Analogous

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



30.8897, 32.7209, 16.3126



26.8495, 32.7209, 18.5363



24.1743, 32.7209, 25.1392

Triad

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



26.8495, 32.7209, 18.5363



27.1822, 32.7209, 61.7745



40.4645, 32.7209, 35.0266

Complementary

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



26.8495, 32.7209, 18.5363



20.1344, 17.2776, 36.4580

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.



39.2367, 32.7209, 48.6896



26.8495, 32.7209, 18.5363



31.3117, 32.7209, 66.1770

Square

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



26.8495, 32.7209, 18.5363



24.3531, 32.7209, 49.9900



35.7775, 32.7209, 60.9064



38.9909, 32.7209, 24.3187

Rectangle

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



26.8495, 32.7209, 18.5363



23.3822, 32.7209, 32.0916



35.7775, 32.7209, 60.9064



40.3533, 32.7209, 39.4140

Sweetspot

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



26.8503, 32.7223, 18.5370



57.8337, 63.5547, 58.2127



24.7945, 23.3060, 16.8278



12.8633, 14.2170, 12.7143



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.



26.8503, 32.7223, 18.5370



46.4891, 58.3594, 28.1740



22.6371, 30.5503, 18.3398



7.4149, 8.1164, 7.5559



15.0056, 22.8462, 3.6189



0.3626, 0.5044, 0.0783

Inverse Universe

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



20.1344, 17.2776, 36.4580



32.5447, 26.2726, 65.4119



24.7509, 19.6574, 36.6740



6.9165, 6.9713, 8.8841



6.4202, 2.7162, 27.1157



0.1838, 0.0823, 0.5720

Previews

White Background



This preview shows how the XYZ color 26.8495, 32.7209, 18.5363 looks on a white background.

Color Contrast Check

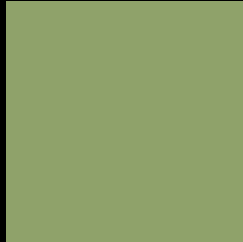
Large Text (above 18pt) WCAG AA × Fail

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 26.8495, 32.7209, 18.5363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

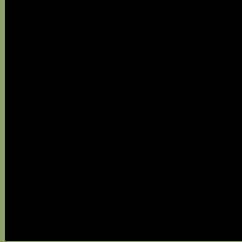
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8495, 32.7209, 18.5363

Background



This preview shows how black text looks on a background with the XYZ color 26.8495, 32.7209, 18.5363.



This preview shows how white text looks on a background with the XYZ color 26.8495, 32.7209,

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

26.8495, 32.7209, 18.5363

Protanopia

30.3180, 32.7468, 17.5548

Deuteranopia

33.1174, 32.4743, 18.9907



Tritanopia

31.2932, 32.4805, 41.1793

Trichromacy



Original Color

26.8495, 32.7209, 18.5363

Protanomaly

29.0236, 32.8241, 17.9027

Deuteranomaly

30.4602, 32.3002, 18.8165

Tritanomaly

29.3805, 32.4542, 31.5038

Monochromacy



Original Color

26.8495, 32.7209, 18.5363

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.8913, 31.0355, 27.0747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8495, 32.7209, 18.5363 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(143, 162, 106)` looks like.

```
.text, #text, p{  
    color:rgb(143, 162, 106)  
}
```

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(143, 162, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 162, 106) }
```

Border

The CSS property to change the border of an element to XYZ 26.8495, 32.7209, 18.5363 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(143, 162, 106) }
```


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

```
.border{ border-color:rgb(143, 162, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 162, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 162, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 162, 106);  
box-shadow:4px 4px 4px 4px rgb(143, 162,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8495, 32.7209, 18.5363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 162, 106) }
```

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

```
.background{ background-color: rgb(143,  
162, 106) }
```

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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