

Converting Colors

XYZ(26.8786, 32.5349, 17.6140)

Have a look what the booklet for
XYZ(26.8786, 32.5349, 17.6140)
contains.

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Color

**XYZ(26.8701, 32.4888,
17.6867)**

Conversions

Conversions Part 1

Format	Color
Hex	91A167
RGB	145, 161, 103
RGB Percent	57%, 63%, 40%
CMY	0.4314, 0.3686, 0.5961
CMYK	0.10, 0.00, 0.36, 0.37
HSL	77°, 24%, 52%
HSV	77°, 36%, 63%
XYZ	26.8701, 32.4888, 17.6867
YIQ	149.6040, 9.0820, -21.4300

Conversions

Conversions Part 2

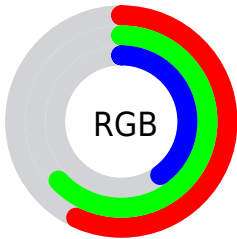
Format	Color
RYB	103, 161, 119
Decimal	9544039
CIELab	63.74, -15.57, 28.37
CIELCh	64, 32.359, 118.765
Yxy	32.4888, 0.3488, 0.4217
Android (android.graphics.Color)	4287734119 (0xFF91A167)
YUV	149.6040, -22.9758, -4.0377
Hunter-Lab	56.9989, -15.6008, 21.5017

Details

The XYZ color **26.8701, 32.4888, 17.6867** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.8923, 16.1965, 35.8506**, and the grayscale version is **28.9139, 30.4196, 33.1270**.

A 20% lighter version of the original color is **54.2917, 63.7577, 40.4553**, and **10.7743, 13.5928, 5.6702** is the 20% darker color. If you saturate the color by 10%, you get **25.3713, 31.8017, 13.7968**, and if you desaturate by 10%, it is **28.5568, 33.2568, 22.3990**.

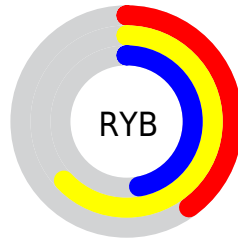
Distribution



Red (57%)

Green (63%)

Blue (40%)



Red (40%)

Yellow (63%)

Blue (47%)

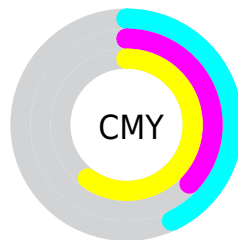


Cyan (10%)

Magenta (0%)

Yellow (36%)

Black (37%)



Cyan (43%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8701, 32.4888, 17.6867 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 26.8701, 32.4888, 17.6867 by changing the saturation by 10% instead.

■ 26.8701, 32.4888,
17.6867

■ 26.8701, 32.4888,
17.6867

279.2066,
313.3399, 251.2757

■ 17.6118, 21.7351,
10.5582

■ 54.0967, 63.5766,
40.3094

■ 10.7696, 13.6624,
5.6602

■ 72.7957, 84.6795,
56.6407

■ 5.9783, 7.8862,
2.5741

■ 95.3723, 110.0009,
76.8767

■ 2.8724, 4.0222,
0.8791

■ 122.1918,
139.9253, 101.4359

■ 1.0867, 1.6860,
0.0000

153.6197,
174.8370, 130.7369

■ 0.0139, 0.4146,
0.0000

190.0212,

■ 0.0000, 0.0000,

215.1204, 165.1981

0.0000

231.7617,
261.1599, 205.2382

■ 26.8701, 32.4888,
17.6867

■ 26.8701, 32.4888,
17.6867

■ 25.3713, 31.8017,
13.7968

■ 28.5568, 33.2568,
22.3990

■ 24.0486, 31.1875,
10.6801

■ 30.4376, 34.1049,
27.9752

■ 22.8926, 30.6433,
8.2851

■ 32.5212, 35.0378,
34.4562

■ 21.8919, 30.1648,
6.5534

■ 34.8152, 36.0584,
41.8800

■ 21.0333, 29.7464,
5.4176

■ 37.3266, 37.1697,
50.2823

■ 20.2988, 29.3810,
4.7850

■ 40.0623, 38.3745,
59.6968

■ 20.0253, 29.2440,
4.5892

■ 43.0286, 39.6752,
70.1559

■ 46.2317, 41.0745,
81.6903

■ 49.6775, 42.5747,
94.3295

Harmonies

Analogous

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



31.0680, 32.4888, 15.8187



26.8701, 32.4888, 17.6867



24.0068, 32.4888, 23.9396

Triad

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



26.8701, 32.4888, 17.6867



26.5745, 32.4888, 61.3170



40.4451, 32.4888, 35.9158

Complementary

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



26.8701, 32.4888, 17.6867



18.8923, 16.1965, 35.8506

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.



38.9530, 32.4888, 49.9713



26.8701, 32.4888, 17.6867



30.6921, 32.4888, 66.6820

Square

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



26.8701, 32.4888, 17.6867



23.8482, 32.4888, 48.8067



35.2694, 32.4888, 62.0970



39.1728, 32.4888, 24.6654

Rectangle

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



26.8701, 32.4888, 17.6867



23.0912, 32.4888, 30.7283



35.2694, 32.4888, 62.0970



40.2478, 32.4888, 40.4675

Sweetspot

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



26.8709, 32.4902, 17.6874



56.2600, 61.8613, 55.4848



23.6808, 21.6244, 15.7582



12.2368, 13.5215, 11.8531



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.



26.8709, 32.4902, 17.6874



46.0030, 57.2128, 26.1303



22.4677, 30.2203, 17.4813



7.4580, 8.1386, 7.5579



16.0335, 23.3760, 3.6670



0.3788, 0.5128, 0.0790

Inverse Universe

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



18.8923, 16.1965, 35.8506



29.6410, 23.7755, 63.4134



23.4009, 18.5208, 36.0616



6.8754, 6.9501, 8.8822



6.0170, 2.5084, 27.0968



0.1696, 0.0750, 0.5714

Previews

White Background



This preview shows how the XYZ color 26.8701, 32.4888, 17.6867 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 26.8701, 32.4888, 17.6867 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 26.8701, 32.4888, 17.6867

Background



This preview shows how black text looks on a background with the XYZ color 26.8701, 32.4888, 17.6867.



This preview shows how white text looks on a background with the XYZ color 26.8701, 32.4888,

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

26.8701, 32.4888, 17.6867

Protanopia

30.0043, 32.3561, 16.7206

Deuteranopia

32.9586, 32.4108, 18.1545



Tritanopia

31.3196, 32.2714, 40.1756

Trichromacy



Original Color

26.8701, 32.4888, 17.6867

Protanomaly

28.9031, 32.5271, 17.0669

Deuteranomaly

30.5186, 32.3484, 18.0000

Tritanomaly

29.3486, 32.2140, 30.2623

Monochromacy



Original Color

26.8701, 32.4888, 17.6867

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.0020, 31.1006, 26.7174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8701, 32.4888, 17.6867 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(145, 161, 103)` looks like.

```
.text, #text, p{  
    color:rgb(145, 161, 103)  
}
```

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(145, 161, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 161, 103) }
```

Border

The CSS property to change the border of an element to XYZ 26.8701, 32.4888, 17.6867 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(145, 161, 103) }
```


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

```
.border{ border-color:rgb(145, 161, 103) }
```

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

Here you see how a box with a 4 pixel rgb(145, 161, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 161, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 161, 103);  
box-shadow:4px 4px 4px 4px rgb(145, 161,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8701, 32.4888, 17.6867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 161, 103) }
```

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

```
.background{ background-color: rgb(145,  
161, 103) }
```

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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