

Converting Colors

XYZ(28.5662, 32.5700, 17.8781)

Have a look what the booklet for
XYZ(28.5662, 32.5700, 17.8781)
contains.

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Color

**XYZ(28.6302, 32.6213,
17.8843)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9E68
RGB	157, 158, 104
RGB Percent	62%, 62%, 41%
CMY	0.3843, 0.3804, 0.5921
CMYK	0.01, 0.00, 0.34, 0.38
HSL	61°, 22%, 51%
HSV	61°, 34%, 62%
XYZ	28.6302, 32.6213, 17.8843
YIQ	151.5450, 16.7380, -17.0060

Conversions

Conversions Part 2

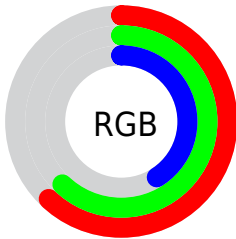
Format	Color
RYB	104, 158, 105
Decimal	10329704
CIELab	63.85, -9.02, 28.15
CIELCh	64, 29.559, 107.776
Yxy	32.6213, 0.3618, 0.4122
Android (android.graphics.Color)	4288519784 (0xFF9D9E68)
YUV	151.5450, -23.4397, 4.7840
Hunter-Lab	57.1151, -10.4742, 21.4152

Details

The XYZ color **28.6302, 32.6213, 17.8843** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.9488, 15.3734, 34.4237**, and the grayscale version is **29.7424, 31.2913, 34.0762**.

A 20% lighter version of the original color is **56.9464, 63.9858, 40.8016**, and **11.7972, 13.8042, 5.7841** is the 20% darker color. If you saturate the color by 10%, you get **27.8448, 32.3017, 14.0436**, and if you desaturate by 10%, it is **29.5678, 33.0041, 22.5185**.

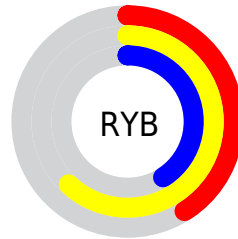
Distribution



Red (62%)

Green (62%)

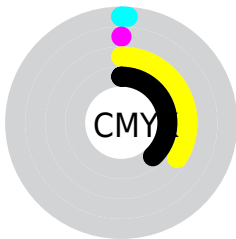
Blue (41%)



Red (41%)

Yellow (62%)

Blue (41%)

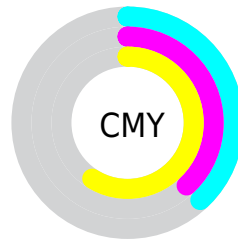


Cyan (1%)

Magenta (0%)

Yellow (34%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6302, 32.6213, 17.8843 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 28.6302, 32.6213, 17.8843 by changing the saturation by 10% instead.

■ 28.6302, 32.6213,
17.8843

■ 28.6302, 32.6213,
17.8843

287.4919,
313.9398, 252.4323

■ 18.9441, 21.8365,
10.6984

■ 56.8907, 63.7838,
40.6513

■ 11.7337, 13.7368,
5.7528

■ 76.1958, 84.9303,
57.0696

■ 6.6335, 7.9378,
2.6290

■ 99.4379, 110.2996,
77.4023

■ 3.2783, 4.0552,
0.9074

■ 126.9825,
140.2759, 102.0680

■ 1.3026, 1.7045,
0.0000

159.1948,
175.2436, 131.4853

■ 0.1851, 0.4266,
0.0000

196.4402,

■ 0.0000, 0.0000,

215.5873, 166.0728

0.0000

239.0842,
261.6912, 206.2489

■ 28.6302, 32.6213,
17.8843

■ 28.6302, 32.6213,
17.8843

■ 27.8448, 32.3017,
14.0436

■ 29.5678, 33.0041,
22.5185

■ 27.2007, 32.0374,
10.9499

■ 30.6629, 33.4488,
27.9849

■ 26.6895, 31.8264,
8.5553


■ 31.9235, 33.9597,
34.3224


■ 26.3008, 31.6643,
6.8052


■ 33.3565, 34.5396,
41.5666


■ 26.0228, 31.5466,
5.6372


■ 34.9682, 35.1910,
49.7514


 25.8412, 31.4674,
4.9760

 36.7647, 35.9163,
58.9086

 25.7579, 31.4303,
4.7091

 38.7518, 36.7178,
69.0688

 40.9351, 37.5979,
80.2611

 43.3198, 38.5585,
92.5136

Harmonies

Analogous

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



32.7278, 32.6213, 17.5237



28.6302, 32.6213, 17.8843



25.4584, 32.6213, 22.2564

Triad

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



28.6302, 32.6213, 17.8843



25.9412, 32.6213, 55.2964



39.4861, 32.6213, 40.5865

Complementary

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



28.6302, 32.6213, 17.8843



16.9488, 15.3734, 34.4237

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.



37.3051, 32.6213, 53.2182



28.6302, 32.6213, 17.8843



29.3448, 32.6213, 62.8973

Square

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



28.6302, 32.6213, 17.8843



24.0040, 32.6213, 42.9712



33.5088, 32.6213, 62.0615



39.2513, 32.6213, 28.9825

Rectangle

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



28.6302, 32.6213, 17.8843



24.1832, 32.6213, 27.5498



33.5088, 32.6213, 62.0615



39.0037, 32.6213, 44.8935

Sweetspot

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



28.6310, 32.6228, 17.8850



56.5554, 61.0942, 55.2074



21.6417, 18.3522, 15.4989



12.6836, 13.7465, 12.1110



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.



28.6310, 32.6228, 17.8850



50.8785, 58.7853, 27.0335



23.9481, 30.2086, 17.6658



7.1580, 7.7141, 7.0974



20.6322, 25.1730, 3.7714



0.3723, 0.4519, 0.0676

Inverse Universe

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



16.9488, 15.3734, 34.4237



26.3818, 22.6122, 61.7176



20.6230, 17.2675, 34.5956



6.2956, 6.4408, 8.3181



4.9760, 1.9942, 26.0299



0.0919, 0.0372, 0.4656

Previews

White Background



This preview shows how the XYZ color 28.6302, 32.6213, 17.8843 looks on a white background.

Color Contrast Check

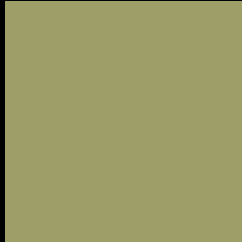
Large Text (above 18pt) WCAG AA × Fail

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 28.6302, 32.6213, 17.8843 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 28.6302, 32.6213, 17.8843

Background



This preview shows how black text looks on a background with the XYZ color 28.6302, 32.6213, 17.8843.



This preview shows how white text looks on a background with the XYZ color 28.6302, 32.6213,

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

28.6302, 32.6213, 17.8843

Protanopia

30.3180, 32.7468, 17.5548

Deuteranopia

33.1990, 32.5347, 18.1657



Tritanopia

32.9873, 32.6701, 39.2177

Trichromacy



Original Color

28.6302, 32.6213, 17.8843

Protanomaly

29.6465, 32.6487, 17.5713

Deuteranomaly

31.4572, 32.5904, 17.9972

Tritanomaly

31.1360, 32.6413, 30.2505

Monochromacy



Original Color

28.6302, 32.6213, 17.8843

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.2552, 31.7305, 27.5044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6302, 32.6213, 17.8843 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(157, 158, 104)` looks like.

```
.text, #text, p{  
    color:rgb(157, 158, 104)  
}
```

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(157, 158, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 158, 104) }
```

Border

The CSS property to change the border of an element to XYZ 28.6302, 32.6213, 17.8843 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(157, 158, 104) }
```


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

```
.border{ border-color:rgb(157, 158, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 158, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 158, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 158, 104);  
box-shadow:4px 4px 4px 4px rgb(157, 158,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6302, 32.6213, 17.8843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 158, 104) }
```

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

```
.background{ background-color: rgb(157,  
158, 104) }
```

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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