

Converting Colors

XYZ(28.8045, 32.3549, 32.4254)

Have a look what the booklet for
XYZ(28.8045, 32.3549, 32.4254)
contains.

XYZ(28.8210, 32.3999, 32.3385)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.8210, 32.3999,
32.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9E93
RGB	143, 158, 147
RGB Percent	56%, 62%, 58%
CMY	0.4392, 0.3804, 0.4235
CMYK	0.09, 0.00, 0.07, 0.38
HSL	136°, 7%, 59%
HSV	136°, 9%, 62%
XYZ	28.8210, 32.3999, 32.3385
YIQ	152.2610, -5.4090, -6.6010

Conversions

Conversions Part 2

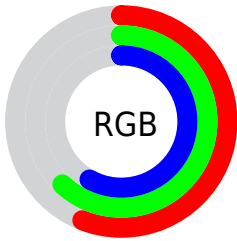
Format	Color
RYB	143, 155, 158
Decimal	9412243
CIELab	63.67, -7.50, 3.93
CIELCh	64, 8.466, 152.370
Yxy	32.3999, 0.3081, 0.3463
Android (android.graphics.Color)	4287602323 (0xFF8F9E93)
YUV	152.2610, -2.5937, -8.1219
Hunter-Lab	56.9209, -9.2309, 6.1602

Details

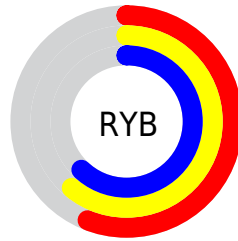
The XYZ color **28.8210, 32.3999, 32.3385** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.7569, 29.2479, 34.6505**, and the grayscale version is **29.9710, 31.5318, 34.3382**.

A 20% lighter version of the original color is **57.3628, 63.6759, 64.5257**, and **11.8832, 13.6871, 13.0819** is the 20% darker color. If you saturate the color by 10%, you get **25.4121, 30.7433, 27.6693**, and if you desaturate by 10%, it is **32.7086, 34.2945, 37.5097**.

Distribution



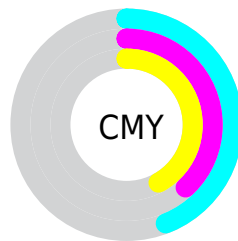
- Red (56%)
- Green (62%)
- Blue (58%)



- Red (56%)
- Yellow (61%)
- Blue (62%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8210, 32.3999, 32.3385 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 28.8210, 32.3999, 32.3385 by changing the saturation by 10% instead.

■ 28.8210, 32.3999,
32.3385

■ 28.8210, 32.3999,
32.3385

288.3789,
312.9369, 327.1985

■ 19.0891, 21.6671,
21.3532

■ 57.1921, 63.4375,
64.4454

■ 11.8390, 13.6125,
13.1887

■ 76.5620, 84.5111,
86.4042

■ 6.7056, 7.8517,
7.4264

■ 99.8752, 109.8004,
112.8578

■ 3.3233, 4.0002,
3.6477

127.4971,
139.6899, 144.2249

■ 1.3270, 1.6737,
1.4341

159.7931,
174.5639, 180.9240

■ 0.2033, 0.4065,
0.1681

197.1285,

■ 0.0000, 0.0000,

214.8068, 223.3736

0.0000

239.8686,
260.8030, 271.9922

■ 28.8210, 32.3999,
32.3385

■ 28.8210, 32.3999,
32.3385

■ 25.4121, 30.7433,
27.6693

■ 32.7086, 34.2945,
37.5097

■ 22.4606, 29.3113,
23.4849

■ 37.0898, 36.4318,
43.1950

■ 19.9473, 28.0952,
19.7704

■ 41.9824, 38.8216,
49.4089

■ 17.8507, 27.0844,
16.5093

■ 47.4023, 41.4717,
56.1645

■ 16.1476, 26.2672,
13.6840

■ 53.3647, 44.3898,
63.4747

■ 14.8122, 25.6307,
11.2760

■ 59.8843, 47.5832,
71.3518

■ 13.8156, 25.1604,
9.2652

■ 66.9751, 51.0589,
79.8077

■ 13.1244, 24.8396,
7.6298

■ 69.1514, 51.9885,
88.5966

■ 12.6682, 24.6324,
6.3447

■ 70.9258, 52.6983,
97.9403

Harmonies

Analogous

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



29.5918, 32.3999, 30.0504



28.8210, 32.3999, 32.3385



28.5750, 32.3999, 35.5484

Triad

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



28.8210, 32.3999, 32.3385



30.8894, 32.3999, 42.2050



32.7592, 32.3999, 31.8997

Complementary

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



28.8210, 32.3999, 32.3385



29.7569, 29.2479, 34.6505

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.



33.1273, 32.3999, 35.0090



28.8210, 32.3999, 32.3385



32.0307, 32.3999, 41.0791

Square

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



28.8210, 32.3999, 32.3385



29.7509, 32.3999, 41.3784



32.8574, 32.3999, 38.3904



31.8635, 32.3999, 29.8087

Rectangle

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



28.8210, 32.3999, 32.3385



28.7366, 32.3999, 37.8192



32.8574, 32.3999, 38.3904



32.9498, 32.3999, 32.8532

Sweetspot

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



28.8219, 32.4013, 32.3392



56.7792, 61.0005, 64.6623



30.5601, 33.3330, 30.8103



12.6749, 13.6912, 14.4110



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.



28.8219, 32.4013, 32.3392



51.2122, 58.2900, 57.2025



29.4092, 32.6362, 35.4318



6.6198, 7.4287, 7.4323



10.1435, 19.7253, 5.1127



0.1974, 0.3591, 0.1761

Inverse Universe

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



29.7569, 29.2479, 34.6505



53.1946, 51.6040, 62.1026



29.1709, 29.0135, 31.5644



6.8286, 6.7244, 7.9485



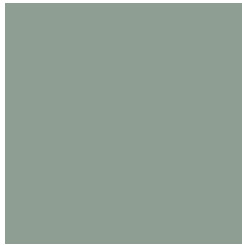
13.8289, 6.8361, 13.8817



0.2636, 0.1288, 0.3343

Previews

White Background



This preview shows how the XYZ color 28.8210, 32.3999, 32.3385 looks on a white background.

Color Contrast Check

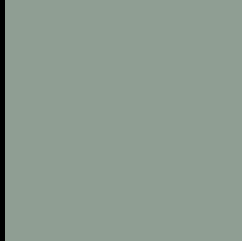
Large Text (above 18pt) WCAG AA × Fail

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 28.8210, 32.3999, 32.3385 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

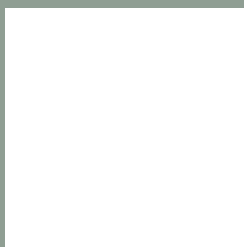
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8210, 32.3999, 32.3385

Background



This preview shows how black text looks on a background with the XYZ color 28.8210, 32.3999, 32.3385.



This preview shows how white text looks on a background with the XYZ color 28.8210, 32.3999,

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

28.8210, 32.3999, 32.3385

Protanopia

30.7233, 32.1670, 30.9751

Deuteranopia

32.9668, 32.3227, 32.9351



Tritanopia

30.5505, 32.3437, 41.1920

Trichromacy



Original Color

28.8210, 32.3999, 32.3385

Protanomaly

29.9690, 32.2593, 31.4352

Deuteranomaly

31.2715, 32.1717, 32.5785

Tritanomaly

29.9107, 32.3347, 37.9225

Monochromacy



Original Color

28.8210, 32.3999, 32.3385

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.4550, 31.7028, 33.4210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8210, 32.3999, 32.3385 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, 158, 147) looks like.

```
.text, #text, p{  
    color:rgb(143, 158, 147)  
}
```

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, 158, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 158, 147) }
```

Border

The CSS property to change the border of an element to XYZ 28.8210, 32.3999, 32.3385 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, 158, 147) }
```


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

```
.border{ border-color:rgb(143, 158, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 158, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 158, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 158, 147);  
box-shadow:4px 4px 4px 4px rgb(143, 158,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8210, 32.3999, 32.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 158, 147) }
```

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

```
.background{ background-color: rgb(143,  
158, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor