

Converting Colors

XYZ(28.8871, 32.1954, 33.6740)

Have a look what the booklet for
XYZ(28.8871, 32.1954, 33.6740)
contains.

XYZ(28.8897, 32.1556, 33.5382)	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(28.8897, 32.1556,
33.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9D96
RGB	143, 157, 150
RGB Percent	56%, 62%, 59%
CMY	0.4392, 0.3843, 0.4118
CMYK	0.09, 0.00, 0.04, 0.38
HSL	150°, 7%, 59%
HSV	150°, 9%, 62%
XYZ	28.8897, 32.1556, 33.5382
YIQ	152.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

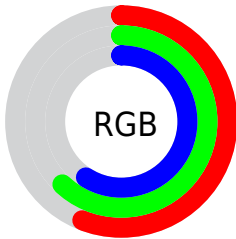
Format	Color
RYB	143, 152, 157
Decimal	9411990
CIELab	63.47, -6.37, 1.95
CIELCh	63, 6.661, 162.975
Yxy	32.1556, 0.3054, 0.3400
Android (android.graphics.Color)	4287602070 (0xFF8F9D96)
YUV	152.0160, -0.9939, -7.9070
Hunter-Lab	56.7059, -8.2958, 4.6276

Details

The XYZ color **28.8897, 32.1556, 33.5382** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.2333, 29.0159, 32.9155**, and the grayscale version is **29.8587, 31.4137, 34.2095**.

A 20% lighter version of the original color is **57.4685, 63.3169, 66.3192**, and **11.9204, 13.5361, 13.7888** is the 20% darker color. If you saturate the color by 10%, you get **25.7486, 30.6078, 30.2010**, and if you desaturate by 10%, it is **32.4554, 33.9192, 37.1178**.

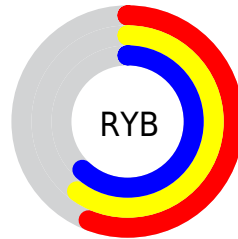
Distribution



Red (56%)

Green (62%)

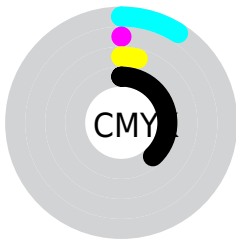
Blue (59%)



Red (56%)

Yellow (60%)

Blue (62%)

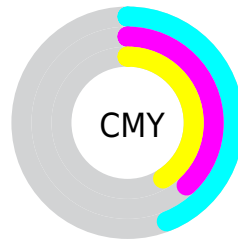


Cyan (9%)

Magenta (0%)

Yellow (4%)

Black (38%)



Cyan (44%)

Magenta (38%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8897, 32.1556, 33.5382 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 28.8897, 32.1556, 33.5382 by changing the saturation by 10% instead.

■ 28.8897, 32.1556,
33.5382

■ 28.8897, 32.1556,
33.5382

288.6978,
311.8274, 332.7740

■ 19.1413, 21.4804,
22.2646

■ 57.3006, 63.0549,
66.3405

■ 11.8770, 13.4756,
13.8513

■ 76.6937, 84.0478,
88.7064

■ 6.7316, 7.7569,
7.8797

100.0325,
109.2488, 115.6066

■ 3.3396, 3.9398,
3.9314

127.6822,
139.0421, 147.4599

■ 1.3358, 1.6399,
1.5878

160.0082,
173.8122, 184.6848

■ 0.2098, 0.3843,
0.2821

197.3759,

■ 0.0000, 0.0000,

213.9436, 227.6997

0.0000

240.1506,
259.8205, 276.9233

■ 28.8897, 32.1556,
33.5382

■ 28.8897, 32.1556,
33.5382

■ 25.7486, 30.6078,
30.2010

■ 32.4554, 33.9192,
37.1178

■ 23.0129, 29.2633,
27.0990

■ 36.4586, 35.9024,
40.9426

■ 20.6658, 28.1145,
24.2276

■ 40.9151, 38.1142,
45.0180

■ 18.6883, 27.1516,
21.5814

■ 45.8388, 40.5617,
49.3486

■ 17.0597, 26.3640,
19.1547

■ 51.2432, 43.2518,
53.9390

■ 15.7573, 25.7403,
16.9415

■ 57.1412, 46.1910,
58.7936

■ 14.7554, 25.2671,
14.9356

■ 63.5454, 49.3857,
63.9165

■ 14.0240, 24.9293,
13.1302

■ 65.2841, 50.1698,
69.0693

■ 13.5025, 24.6956,
11.5169

■ 66.3041, 50.5778,
74.4404

Harmonies

Analogous

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



29.3636, 32.1556, 31.4075



28.8897, 32.1556, 33.5382



28.8583, 32.1556, 36.1710

Triad

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



28.8897, 32.1556, 33.5382



30.9650, 32.1556, 40.2270



31.8860, 32.1556, 31.6454

Complementary

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



28.8897, 32.1556, 33.5382



29.2333, 29.0159, 32.9155

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.



32.3334, 32.1556, 33.8780



28.8897, 32.1556, 33.5382



31.7945, 32.1556, 38.8822

Square

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



28.8897, 32.1556, 33.5382



30.0439, 32.1556, 40.1247



32.2996, 32.1556, 36.5283



31.0879, 32.1556, 30.3532

Rectangle

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



28.8897, 32.1556, 33.5382



29.0915, 32.1556, 37.8652



32.2996, 32.1556, 36.5283



32.0831, 32.1556, 32.3058

Sweetspot

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



28.8906, 32.1570, 33.5389



55.3854, 59.3894, 63.7652



29.6367, 32.6048, 30.7184



12.0780, 13.0143, 13.9218



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.8906, 32.1570, 33.5389



50.3814, 56.9177, 58.6532



29.4517, 32.3814, 36.4935



6.6821, 7.4536, 7.7605



10.9423, 20.0449, 9.3191



0.2170, 0.3669, 0.2790

Inverse Universe

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



29.2333, 29.0159, 32.9155



51.1411, 49.9538, 57.2712



28.7037, 28.8040, 30.1267



6.7644, 6.6987, 7.6107



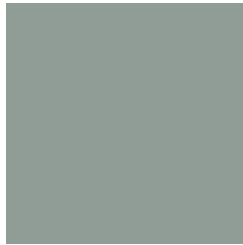
12.4437, 6.2820, 6.5875



0.2438, 0.1209, 0.2302

Previews

White Background



This preview shows how the XYZ color 28.8897, 32.1556, 33.5382 looks on a white background.

Color Contrast Check

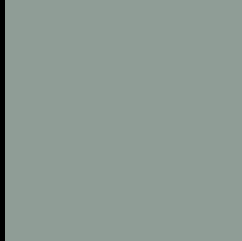
Large Text (above 18pt) WCAG AA × Fail

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 28.8897, 32.1556, 33.5382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

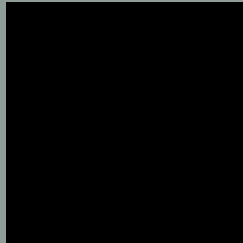
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

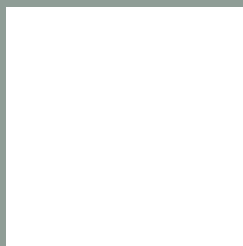
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8897, 32.1556, 33.5382

Background



This preview shows how black text looks on a background with the XYZ color 28.8897, 32.1556, 33.5382.



This preview shows how white text looks on a background with the XYZ color 28.8897, 32.1556,

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

28.8897, 32.1556, 33.5382

Protanopia

30.8371, 32.1897, 32.6049

Deuteranopia

32.7771, 32.1969, 34.1928



Tritanopia

30.3847, 32.0122, 41.1367

Trichromacy



Original Color

28.8897, 32.1556, 33.5382

Protanomaly

30.1173, 32.0534, 33.0333

Deuteranomaly

31.3114, 32.1644, 33.8362

Tritanomaly

29.8314, 32.0356, 38.3294

Monochromacy



Original Color

28.8897, 32.1556, 33.5382

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.5359, 31.7351, 33.8469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8897, 32.1556, 33.5382 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, 157, 150)` looks like.

```
.text, #text, p{  
  color:rgb(143, 157, 150)  
}
```

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, 157, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 157, 150) }
```

Border

The CSS property to change the border of an element to XYZ 28.8897, 32.1556, 33.5382 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, 157, 150) }
```


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

```
.border{ border-color:rgb(143, 157, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 157, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 157, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 157, 150);  
box-shadow:4px 4px 4px 4px rgb(143, 157,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8897, 32.1556, 33.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 157, 150) }
```

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

```
.background{ background-color: rgb(143,  
157, 150) }
```

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