

Converting Colors

XYZ(28.4593, 33.4695, 36.5896)

Have a look what the booklet for
XYZ(28.4593, 33.4695, 36.5896)
contains.

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Color

**XYZ(28.4580, 33.4200,
36.4033)**

Conversions

Conversions Part 1

Format	Color
Hex	83A39C
RGB	131, 163, 156
RGB Percent	51%, 64%, 61%
CMY	0.4863, 0.3608, 0.3882
CMYK	0.20, 0.00, 0.04, 0.36
HSL	167°, 15%, 58%
HSV	167°, 20%, 64%
XYZ	28.4580, 33.4200, 36.4033
YIQ	152.6340, -16.8250, -8.9610

Conversions

Conversions Part 2

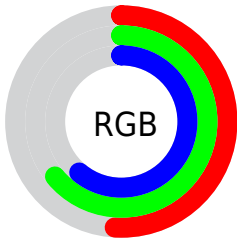
Format	Color
RYB	131, 149, 163
Decimal	8627100
CIELab	64.50, -12.48, -0.02
CIElCh	64, 12.484, 180.085
Yxy	33.4200, 0.2896, 0.3400
Android (android.graphics.Color)	4286817180 (0xFF83A39C)
YUV	152.6340, 1.6594, -18.9730
Hunter-Lab	57.8100, -13.2978, 3.1318

Details

The XYZ color **28.4580, 33.4200, 36.4033** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.8092, 25.8549, 27.5709**, and the grayscale version is **30.1183, 31.6868, 34.5069**.

A 20% lighter version of the original color is **56.4714, 64.9863, 70.5400**, and **11.6276, 14.1381, 15.4807** is the 20% darker color. If you saturate the color by 10%, you get **25.8320, 32.1015, 34.7274**, and if you desaturate by 10%, it is **31.4920, 34.9496, 38.1460**.

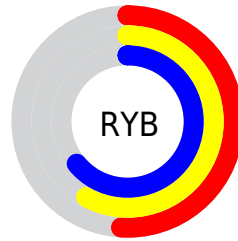
Distribution



Red (51%)

Green (64%)

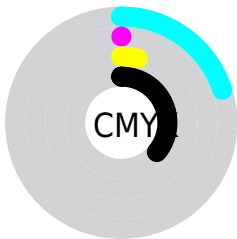
Blue (61%)



Red (51%)

Yellow (58%)

Blue (64%)

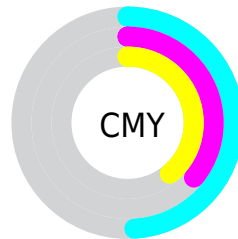


Cyan (20%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (49%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4580, 33.4200, 36.4033 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 28.4580, 33.4200, 36.4033 by changing the saturation by 10% instead.

■ 28.4580, 33.4200,
36.4033

■ 28.4580, 33.4200,
36.4033

286.6895,
317.5380, 345.8104

■ 18.8134, 22.4484,
24.4537

■ 56.6184, 65.0307,
70.8301

■ 11.6387, 14.1867,
15.4552

■ 75.8649, 86.4386,
94.1444

■ 6.5686, 8.2507,
8.9893

■ 99.0427, 112.0940,
122.0840

■ 3.2377, 4.2558,
4.6375

126.5173,
142.3814, 155.0675

■ 1.2807, 1.8176,
1.9812

158.6539,
177.6850, 193.5133

■ 0.1687, 0.4981,
0.5437

195.8179,

■ 0.0000, 0.0000,

218.3895, 237.8400

0.0000

238.3746,
264.8790, 288.4662

■ 28.4580, 33.4200,
36.4033

■ 28.4580, 33.4200,
36.4033

■ 25.8320, 32.1015,
34.7274

■ 31.4920, 34.9496,
38.1460

■ 23.5924, 30.9804,
33.1149

■ 34.9486, 36.6950,
39.9544

■ 21.7203, 30.0476,
31.5650

■ 38.8449, 38.6662,
41.8305

■ 20.1937, 29.2920,
30.0764

■ 43.1966, 40.8710,
43.7754

■ 18.9883, 28.7009,
28.6476

■ 48.0183, 43.3171,
45.7900

■ 18.0766, 28.2603,
27.2768

■ 53.3241, 46.0117,
47.8755

■ 17.4263, 27.9535,
25.9622

■ 59.1274, 48.9617,
50.0329

■ 16.9667, 27.7440,
24.6999

■ 63.0457, 50.9388,
52.1509

■ 16.9506, 27.7368,
24.6544

■ 63.4258, 51.0908,
54.1527

Harmonies

Analogous

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



28.8846, 33.4200, 31.7081



28.4580, 33.4200, 36.4033



28.8894, 33.4200, 41.5362

Triad

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



28.4580, 33.4200, 36.4033



33.5146, 33.4200, 45.5635



33.5054, 33.4200, 28.5240

Complementary

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



28.4580, 33.4200, 36.4033



27.8092, 25.8549, 27.5709

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.



34.8247, 33.4200, 31.6851



28.4580, 33.4200, 36.4033



34.8301, 33.4200, 41.5086

Square

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



28.4580, 33.4200, 36.4033



31.7698, 33.4200, 47.1176



35.3181, 33.4200, 36.3741



31.7596, 33.4200, 27.4262

Rectangle

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



28.4580, 33.4200, 36.4033



29.6152, 33.4200, 44.4516



35.3181, 33.4200, 36.3741



34.0158, 33.4200, 29.3650

Sweetspot

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



28.4590, 33.4214, 36.4040



58.4890, 63.6447, 69.4401



27.7536, 33.2777, 26.4337



13.0533, 14.2524, 15.5518



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.



28.4590, 33.4214, 36.4040



48.6126, 58.6693, 63.7344



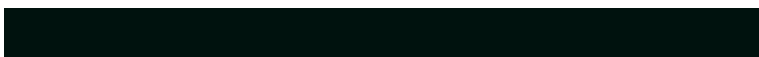
27.6047, 30.7364, 39.1298



7.2095, 7.9846, 8.7147



13.1905, 21.5625, 19.2513



0.2928, 0.4593, 0.4867

Inverse Universe

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



27.8092, 25.8549, 27.5709



47.2133, 42.3612, 44.7020



28.5121, 28.0463, 25.3839



7.1343, 7.1102, 7.6935



11.9969, 6.1548, 1.9082



0.2681, 0.1357, 0.1242

Previews

White Background



This preview shows how the XYZ color 28.4580, 33.4200, 36.4033 looks on a white background.

Color Contrast Check

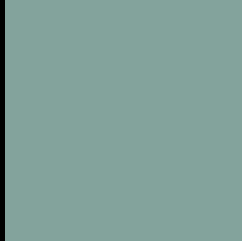
Large Text (above 18pt) WCAG AA × Fail

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 28.4580, 33.4200, 36.4033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

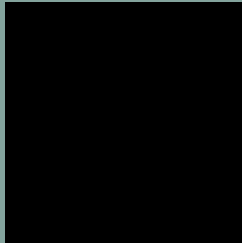
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.4580, 33.4200, 36.4033

Background



This preview shows how black text looks on a background with the XYZ color 28.4580, 33.4200, 36.4033.

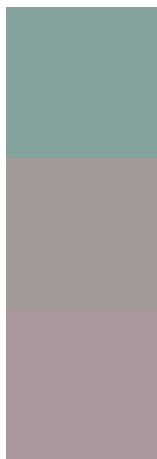


This preview shows how white text looks on a background with the XYZ color 28.4580, 33.4200,

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

28.4580, 33.4200, 36.4033

Protanopia

31.8860, 33.1833, 34.4302

Deuteranopia

33.8157, 33.1479, 36.9637



Tritanopia

29.9451, 33.2271, 44.3704

Trichromacy



Original Color

28.4580, 33.4200, 36.4033

Protanomaly

30.3711, 33.1432, 34.9335

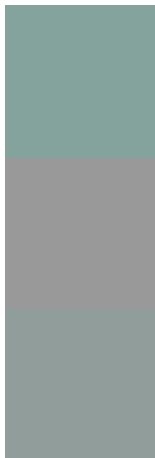
Deuteranomaly

31.5174, 32.9449, 36.5961

Tritanomaly

29.3928, 33.2663, 41.4311

Monochromacy



Original Color

28.4580, 33.4200, 36.4033

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.5668, 32.4668, 35.2802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4580, 33.4200, 36.4033 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(131, 163, 156)` looks like.

```
.text, #text, p{  
    color:rgb(131, 163, 156)  
}
```

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(131, 163, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 163, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.4580, 33.4200, 36.4033 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(131, 163, 156) }
```


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

```
.border{ border-color:rgb(131, 163, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 163, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 163, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 163, 156);  
box-shadow:4px 4px 4px 4px rgb(131, 163,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4580, 33.4200, 36.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 163, 156) }
```

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

```
.background{ background-color: rgb(131,  
163, 156) }
```

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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