

Converting Colors

XYZ(28.7653, 32.7368, 38.9852)

Have a look what the booklet for
XYZ(28.7653, 32.7368, 38.9852)
contains.

XYZ(28.7653, 32.7368, 38.9852)	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(28.7653, 32.7368,
38.9852)**

Conversions

Conversions Part 1

Format	Color
Hex	85A0A2
RGB	133, 160, 162
RGB Percent	52%, 63%, 64%
CMY	0.4784, 0.3725, 0.3647
CMYK	0.18, 0.01, 0.00, 0.36
HSL	184°, 13%, 58%
HSV	184°, 18%, 64%
XYZ	28.7653, 32.7368, 38.9852
YIQ	152.1550, -16.7340, -5.1020

Conversions

Conversions Part 2

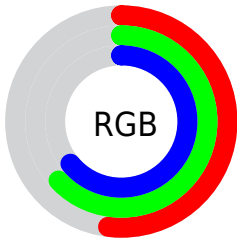
Format	Color
RYB	133, 147, 162
Decimal	8757410
CIELab	63.95, -8.90, -4.18
CIElCh	64, 9.835, 205.138
Yxy	32.7368, 0.2863, 0.3258
Android (android.graphics.Color)	4286947490 (0xFF85A0A2)
YUV	152.1550, 4.8536, -16.7989
Hunter-Lab	57.2161, -10.3875, -0.3470

Details

The XYZ color **28.7653, 32.7368, 38.9852** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.7983, 26.7029, 25.8801**, and the grayscale version is **29.8976, 31.4546, 34.2540**.

A 20% lighter version of the original color is **57.3183, 64.1754, 75.0117**, and **11.8504, 13.9021, 16.8106** is the 20% darker color. If you saturate the color by 10%, you get **26.2100, 31.1344, 38.8111**, and if you desaturate by 10%, it is **31.7188, 34.5488, 39.1798**.

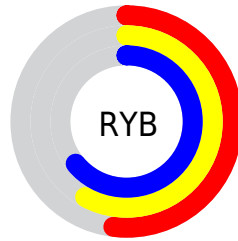
Distribution



Red (52%)

Green (63%)

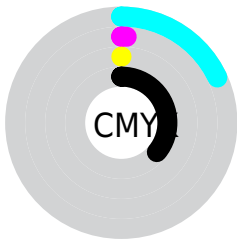
Blue (64%)



Red (52%)

Yellow (58%)

Blue (64%)

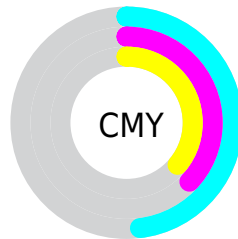


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7653, 32.7368, 38.9852 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 28.7653, 32.7368, 38.9852 by changing the saturation by 10% instead.

■ 28.7653, 32.7368,
38.9852

■ 28.7653, 32.7368,
38.9852

288.1202,
314.4621, 357.2516

■ 19.0467, 21.9249,
26.4405

■ 57.1041, 63.9644,
74.8358

■ 11.8083, 13.8017,
16.9247

■ 76.4551, 85.1489,
98.9788

■ 6.6845, 7.9829,
10.0195

■ 99.7476, 110.5596,
127.8249

■ 3.3102, 4.0840,
5.3061

127.3470,
140.5811, 161.7927

■ 1.3198, 1.7207,
2.3661

159.6185,
175.5977, 201.3007

■ 0.1980, 0.4370,
0.7679

196.9277,

■ 0.0000, 0.0000,

215.9938, 246.7675

0.0000

239.6398,
262.1538, 298.6117

■ 28.7653, 32.7368,
38.9852

■ 28.7653, 32.7368,
38.9852

■ 26.2100, 31.1344,
38.8111

■ 31.7188, 34.5488,
39.1798

■ 24.0319, 29.7282,
38.6545

■ 35.0844, 36.5749,
39.3935

■ 22.2126, 28.5095,
38.5151

■ 38.8790, 38.8248,
39.6278

■ 20.7309, 27.4674,
38.3921

■ 43.1177, 41.3063,
39.8833

■ 19.5635, 26.5898,
38.2842

■ 47.8147, 44.0266,
40.1609

■ 18.6838, 25.8632,
38.1903

■ 52.9837, 46.9928,
40.4610

■ 18.0613, 25.2717,
38.1090

■ 58.6379, 50.2118,
40.7843

■ 17.6429, 24.7879,
38.0376

■ 61.9370, 52.2193,
40.9979

■ 17.5626, 24.6905,
38.0231

■ 62.1455, 52.6362,
41.0674

Harmonies

Analogous

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



28.5356, 32.7368, 35.0020



28.7653, 32.7368, 38.9852



29.6172, 32.7368, 42.2791

Triad

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



28.7653, 32.7368, 38.9852



33.3529, 32.7368, 40.1864



31.3417, 32.7368, 28.5700

Complementary

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



28.7653, 32.7368, 38.9852



27.7983, 26.7029, 25.8801

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.



32.6632, 32.7368, 29.7436



28.7653, 32.7368, 38.9852



33.8461, 32.7368, 36.2954

Square

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



28.7653, 32.7368, 38.9852



32.2608, 32.7368, 43.0079



33.5900, 32.7368, 32.5009



29.9973, 32.7368, 29.1741

Rectangle

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



28.7653, 32.7368, 38.9852



30.4370, 32.7368, 43.5398



33.5900, 32.7368, 32.5009



31.8037, 32.7368, 28.7670

Sweetspot

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



28.7663, 32.7381, 38.9859



59.2197, 63.7119, 71.2325



26.9623, 32.5752, 27.7644



13.2115, 14.2556, 15.9928



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.



28.7663, 32.7381, 38.9859



50.5184, 58.3725, 70.6605



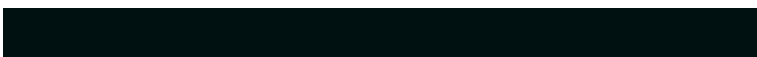
26.4073, 28.0203, 38.1996



7.2342, 7.9273, 9.0519



13.8488, 19.4771, 29.9593



0.3026, 0.4324, 0.6334

Inverse Universe

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



29.6338, 26.9953, 36.9080



52.3643, 46.2402, 66.2198



29.9507, 31.0078, 26.5975



7.3432, 7.1937, 8.7935



16.1357, 7.8103, 23.7031



0.3449, 0.1664, 0.5288

Previews

White Background



This preview shows how the XYZ color 28.7653, 32.7368, 38.9852 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 28.7653, 32.7368, 38.9852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

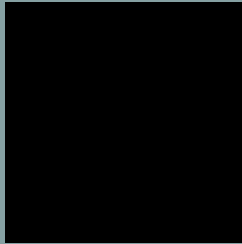
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.7653, 32.7368, 38.9852

Background



This preview shows how black text looks on a background with the XYZ color 28.7653, 32.7368, 38.9852.



This preview shows how white text looks on a background with the XYZ color 28.7653, 32.7368,

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

28.7653, 32.7368, 38.9852

Protanopia

31.4375, 32.6477, 36.9925

Deuteranopia

33.1242, 32.4924, 39.6478



Tritanopia

29.7405, 32.8874, 43.3085

Trichromacy



Original Color

28.7653, 32.7368, 38.9852

Protanomaly

30.3592, 32.5760, 37.4886

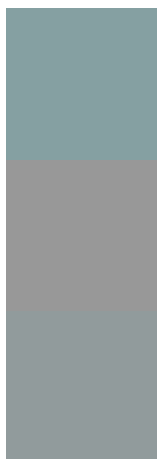
Deuteranomaly

31.3033, 32.5279, 39.2790

Tritanomaly

29.2975, 32.6918, 41.8118

Monochromacy



Original Color

28.7653, 32.7368, 38.9852

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3991, 31.8627, 36.0531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7653, 32.7368, 38.9852 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(133, 160, 162)` looks like.

```
.text, #text, p{  
    color:rgb(133, 160, 162)  
}
```

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(133, 160, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 160, 162) }
```

Border

The CSS property to change the border of an element to XYZ 28.7653, 32.7368, 38.9852 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(133, 160, 162) }
```


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

```
.border{ border-color:rgb(133, 160, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 160, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 160, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 160, 162);  
box-shadow:4px 4px 4px 4px rgb(133, 160,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7653, 32.7368, 38.9852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 160, 162) }
```

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

```
.background{ background-color: rgb(133,  
160, 162) }
```

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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