

Converting Colors

XYZ(28.2094, 33.2833, 29.6729)

Have a look what the booklet for
XYZ(28.2094, 33.2833, 29.6729)
contains.

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Color

**XYZ(28.1352, 33.1374,
29.7242)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA28C
RGB	138, 162, 140
RGB Percent	54%, 64%, 55%
CMY	0.4588, 0.3647, 0.4510
CMYK	0.15, 0.00, 0.14, 0.36
HSL	125°, 11%, 59%
HSV	125°, 15%, 64%
XYZ	28.1352, 33.1374, 29.7242
YIQ	152.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

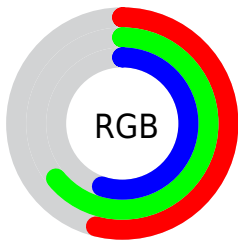
Format	Color
RYB	138, 160, 162
Decimal	9085580
CIELab	64.27, -12.77, 8.66
CIElCh	64, 15.431, 145.868
Yxy	33.1374, 0.3092, 0.3642
Android (android.graphics.Color)	4287275660 (0xFF8AA28C)
YUV	152.3160, -6.0718, -12.5551
Hunter-Lab	57.5651, -13.4962, 9.6807

Details

The XYZ color **28.1352, 33.1374, 29.7242** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **30.3351, 28.3972, 37.1417**, and the grayscale version is **30.0100, 31.5728, 34.3828**.

A 20% lighter version of the original color is **56.2887, 64.7272, 60.5658**, and **11.4459, 13.9648, 11.7651** is the 20% darker color. If you saturate the color by 10%, you get **24.6301, 31.4495, 24.2248**, and if you desaturate by 10%, it is **32.1897, 35.0933, 36.0222**.

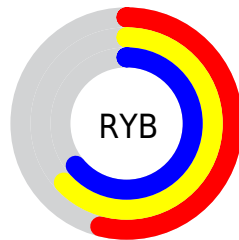
Distribution



Red (54%)

Green (64%)

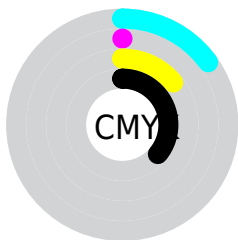
Blue (55%)



Red (54%)

Yellow (63%)

Blue (64%)

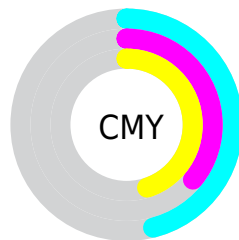


Cyan (15%)

Magenta (0%)

Yellow (14%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1352, 33.1374, 29.7242 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 28.1352, 33.1374, 29.7242 by changing the saturation by 10% instead.

■ 28.1352, 33.1374,
29.7242

■ 28.1352, 33.1374,
29.7242

285.1808,
316.2684, 314.7840

■ 18.5686, 22.2317,
19.3791

■ 56.1074, 64.5900,
60.2816

■ 11.4611, 14.0273,
11.7649

■ 75.2436, 85.9057,
81.3309

■ 6.4475, 8.1396,
6.4632

■ 98.3004, 111.4602,
106.7854

■ 3.1622, 4.1844,
3.0554

125.6432,
141.6379, 137.0636

■ 1.2401, 1.7773,
1.1230

157.6373,
176.8231, 172.5840

■ 0.1377, 0.4729,
0.0000

194.6480,

■ 0.0000, 0.0000,

217.4004, 213.7651

0.0000

237.0407,
263.7540, 261.0256

■ 28.1352, 33.1374,
29.7242

■ 28.1352, 33.1374,
29.7242

■ 24.6301, 31.4495,
24.2248

■ 32.1897, 35.0933,
36.0222

■ 21.6483, 30.0140,
19.4901

■ 36.8131, 37.3239,
43.1465

■ 19.1654, 28.8201,
15.4868

■ 42.0270, 39.8405,
51.1265

■ 17.1540, 27.8543,
12.1785

■ 47.8515, 42.6530,
59.9891

■ 15.5843, 27.1022,
9.5255

■ 54.3052, 45.7705,
69.7602

■ 14.4227, 26.5474,
7.4843

■ 61.4064, 49.2017,
80.4648

■ 13.6312, 26.1712,
6.0061

■ 69.1723, 52.9551,
92.1267

■ 13.1633, 25.9510,
5.0344

■ 72.2110, 54.3220,
101.2870

■ 12.9969, 25.8723,
4.7068

Harmonies

Analogous

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



29.6931, 33.1374, 26.2748



28.1352, 33.1374, 29.7242



27.4773, 33.1374, 35.2184

Triad

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



28.1352, 33.1374, 29.7242



31.1935, 33.1374, 49.5062



35.4420, 33.1374, 31.0675

Complementary

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



28.1352, 33.1374, 29.7242



30.3351, 28.3972, 37.1417

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.



35.8888, 33.1374, 36.9576



28.1352, 33.1374, 29.7242



33.3707, 33.1374, 48.0660

Square

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



28.1352, 33.1374, 29.7242



29.1903, 33.1374, 47.0209



35.1145, 33.1374, 43.2850



33.9202, 33.1374, 26.9849

Rectangle

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



28.1352, 33.1374, 29.7242



27.6141, 33.1374, 39.4824



35.1145, 33.1374, 43.2850



35.7258, 33.1374, 32.8808

Sweetspot

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



28.1361, 33.1388, 29.7249



59.0207, 63.9889, 66.2976



32.0865, 35.1922, 29.1468



13.1265, 14.3093, 14.6903



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.



28.1361, 33.1388, 29.7249



48.7209, 59.0231, 50.2776



29.0374, 33.4993, 34.4710



7.0084, 7.9042, 7.6561



10.2460, 20.3848, 3.7461



0.2220, 0.4310, 0.1142

Inverse Universe

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



30.3351, 28.3972, 37.1417



53.5442, 48.6223, 66.5445



29.3669, 28.0099, 32.0428



7.3387, 7.1920, 8.7703



15.9889, 7.7516, 22.9300



0.3429, 0.1657, 0.5184

Previews

White Background



This preview shows how the XYZ color 28.1352, 33.1374, 29.7242 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 28.1352, 33.1374, 29.7242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

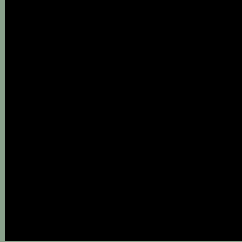
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.1352, 33.1374, 29.7242

Background



This preview shows how black text looks on a background with the XYZ color 28.1352, 33.1374, 29.7242.



This preview shows how white text looks on a background with the XYZ color 28.1352, 33.1374,

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

28.1352, 33.1374, 29.7242

Protanopia

31.2695, 33.0068, 28.0154

Deuteranopia

33.4680, 32.8796, 30.1736



Tritanopia

30.8103, 33.1956, 42.8137

Trichromacy



Original Color

28.1352, 33.1374, 29.7242

Protanomaly

30.0686, 33.1299, 28.4768

Deuteranomaly

31.2636, 32.7157, 29.8663

Tritanomaly

29.6407, 32.9622, 37.6010

Monochromacy



Original Color

28.1352, 33.1374, 29.7242

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.2664, 32.1181, 32.6739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1352, 33.1374, 29.7242 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(138, 162, 140)` looks like.

```
.text, #text, p{  
    color:rgb(138, 162, 140)  
}
```

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(138, 162, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 162, 140) }
```

Border

The CSS property to change the border of an element to XYZ 28.1352, 33.1374, 29.7242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

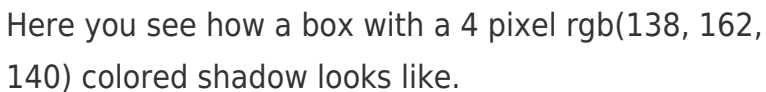
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 162, 140) }
```


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

```
.border{ border-color:rgb(138, 162, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 162, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 162, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 162, 140); box-shadow:4px 4px 4px 4px rgb(138, 162, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1352, 33.1374, 29.7242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 162, 140) }
```

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

```
.background{ background-color: rgb(138,  
162, 140) }
```

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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