

Converting Colors

XYZ(28.3733, 33.5863, 29.3066)

Have a look what the booklet for
XYZ(28.3733, 33.5863, 29.3066)
contains.

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Color

**XYZ(28.4049, 33.5474,
29.4043)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA38B
RGB	139, 163, 139
RGB Percent	55%, 64%, 55%
CMY	0.4549, 0.3608, 0.4549
CMYK	0.15, 0.00, 0.15, 0.36
HSL	120°, 12%, 59%
HSV	120°, 15%, 64%
XYZ	28.4049, 33.5474, 29.4043
YIQ	153.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

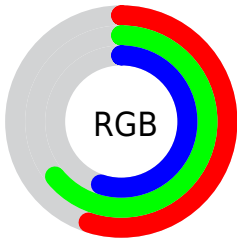
Format	Color
RYB	139, 163, 163
Decimal	9151371
CIELab	64.60, -13.13, 9.69
CIELCh	65, 16.323, 143.567
Yxy	33.5474, 0.3109, 0.3672
Android (android.graphics.Color)	4287341451 (0xFF8BA38B)
YUV	153.0880, -6.9454, -12.3552
Hunter-Lab	57.9201, -13.8211, 10.4443

Details

The XYZ color **28.4049, 33.5474, 29.4043** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **30.9489, 28.8970, 38.5985**, and the grayscale version is **30.3487, 31.9292, 34.7709**.

A 20% lighter version of the original color is **56.5782, 65.2860, 59.4887**, and **11.6074, 14.2140, 11.5830** is the 20% darker color. If you saturate the color by 10%, you get **24.7800, 31.8071, 23.4743**, and if you desaturate by 10%, it is **32.6151, 35.5708, 36.2902**.

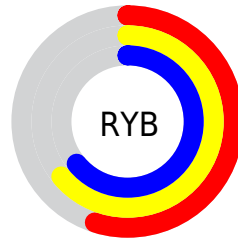
Distribution



Red (55%)

Green (64%)

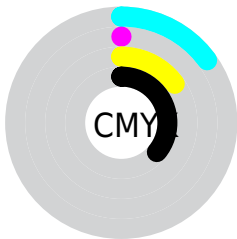
Blue (55%)



Red (55%)

Yellow (64%)

Blue (64%)

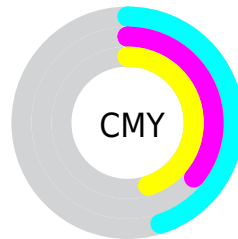


Cyan (15%)

Magenta (0%)

Yellow (15%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4049, 33.5474, 29.4043 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 28.4049, 33.5474, 29.4043 by changing the saturation by 10% instead.

■ 28.4049, 33.5474,
29.4043

■ 28.4049, 33.5474,
29.4043

286.4418,
318.1092, 313.2382

■ 18.7731, 22.5461,
19.1387

■ 56.5344, 65.2292,
59.7687

■ 11.6095, 14.2587,
11.5927

■ 75.7628, 86.6785,
80.7045

■ 6.5487, 8.3008,
6.3478

■ 98.9207, 112.3793,
106.0341

■ 3.2253, 4.2880,
2.9855

126.3737,
142.7160, 136.1760

■ 1.2740, 1.8360,
1.0872

158.4869,
178.0729, 171.5489

■ 0.1636, 0.5094,
0.0000

195.6257,

■ 0.0000, 0.0000,

218.8345, 212.5712

0.0000

238.1556,
265.3851, 259.6615

■ 28.4049, 33.5474,
29.4043

■ 28.4049, 33.5474,
29.4043

■ 24.7800, 31.8071,
23.4743

■ 32.6151, 35.5708,
36.2902

■ 21.7118, 30.3334,
18.4558

■ 37.4321, 37.8846,
44.1692

■ 19.1738, 29.1142,
14.3043

■ 42.8794, 40.5012,
53.0793

■ 17.1358, 28.1353,
10.9708

■ 48.9786, 43.4310,
63.0559

■ 15.5649, 27.3807,
8.4012

■ 55.7505, 46.6838,
74.1325

■ 14.4240, 26.8326,
6.5351

■ 63.2145, 50.2692,
86.3414

■ 13.6706, 26.4708,
5.3029

■ 71.3896, 54.1961,
99.7135

■ 13.2526, 26.2700,
4.6190

■ 72.3878, 54.6756,
101.3459

■ 13.0978, 26.1956,
4.3659

Harmonies

Analogous

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



30.1224, 33.5474, 25.9544



28.4049, 33.5474, 29.4043



27.6251, 33.5474, 35.1042

Triad

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



28.4049, 33.5474, 29.4043



31.3849, 33.5474, 50.8684



36.1851, 33.5474, 31.6191

Complementary

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



28.4049, 33.5474, 29.4043



30.9489, 28.8970, 38.5985

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.



36.5635, 33.5474, 37.9885



28.4049, 33.5474, 29.4043



33.7167, 33.5474, 49.6407

Square

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



28.4049, 33.5474, 29.4043



29.2905, 33.5474, 47.8924



35.6401, 33.5474, 44.7169



34.6300, 33.5474, 27.1197

Rectangle

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



28.4049, 33.5474, 29.4043



27.7135, 33.5474, 39.6308



35.6401, 33.5474, 44.7169



36.4572, 33.5474, 33.5905

Sweetspot

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



28.4058, 33.5488, 29.4050



58.9363, 63.9551, 65.8532



32.7922, 35.7048, 29.5900



13.1044, 14.3004, 14.5737



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.



28.4058, 33.5488, 29.4050



48.4087, 58.8982, 48.6334



29.2992, 33.9062, 34.1094



6.9856, 7.8950, 7.5358



10.1790, 20.3579, 3.3930



0.2139, 0.4278, 0.0713

Inverse Universe

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



30.9489, 28.8970, 38.5985



53.9399, 48.7806, 68.6288



29.9564, 28.5000, 33.3720



7.3644, 7.2022, 8.9051



16.8766, 8.1067, 27.6050



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 28.4049, 33.5474, 29.4043 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 28.4049, 33.5474, 29.4043 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 28.4049, 33.5474, 29.4043

Background



This preview shows how black text looks on a background with the XYZ color 28.4049, 33.5474, 29.4043.



This preview shows how white text looks on a background with the XYZ color 28.4049, 33.5474,

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

28.4049, 33.5474, 29.4043

Protanopia

31.5715, 33.4187, 27.7081

Deuteranopia

34.0806, 33.4333, 30.2482



Tritanopia

31.0791, 33.3233, 43.3221

Trichromacy



Original Color

28.4049, 33.5474, 29.4043

Protanomaly

30.3596, 33.5424, 28.1668

Deuteranomaly

31.6333, 33.1523, 29.9311

Tritanomaly

29.9841, 33.3956, 37.6665

Monochromacy



Original Color

28.4049, 33.5474, 29.4043

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.6150, 32.5480, 32.7385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4049, 33.5474, 29.4043 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(139, 163, 139)` looks like.

```
.text, #text, p{  
    color:rgb(139, 163, 139)  
}
```

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(139, 163, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 163, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.4049, 33.5474, 29.4043 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(139, 163, 139) }
```


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

```
.border{ border-color:rgb(139, 163, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 163, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 163, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 163, 139);  
box-shadow:4px 4px 4px 4px rgb(139, 163,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4049, 33.5474, 29.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 163, 139) }
```

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

```
.background{ background-color: rgb(139,  
163, 139) }
```

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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