

Converting Colors

XYZ(28.6371, 32.0347, 33.1077)

Have a look what the booklet for
XYZ(28.6371, 32.0347, 33.1077)
contains.

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Color

**XYZ(28.6371, 32.0347,
33.1077)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9D95
RGB	142, 157, 149
RGB Percent	56%, 62%, 58%
CMY	0.4431, 0.3843, 0.4157
CMYK	0.10, 0.00, 0.05, 0.38
HSL	148°, 7%, 59%
HSV	148°, 10%, 62%
XYZ	28.6371, 32.0347, 33.1077
YIQ	151.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

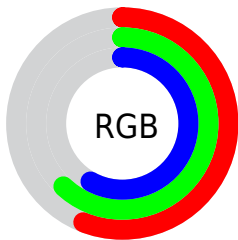
Format	Color
RYB	142, 152, 157
Decimal	9346453
CIELab	63.37, -6.92, 2.36
CIElCh	63, 7.313, 161.183
Yxy	32.0347, 0.3054, 0.3416
Android (android.graphics.Color)	4287536533 (0xFF8E9D95)
YUV	151.6030, -1.2833, -8.4218
Hunter-Lab	56.5992, -8.7342, 4.9378

Details

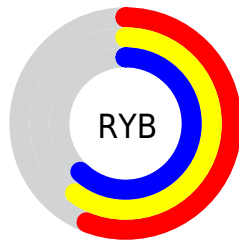
The XYZ color **28.6371, 32.0347, 33.1077** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.0838, 28.7169, 32.8657**, and the grayscale version is **29.6821, 31.2279, 34.0071**.

A 20% lighter version of the original color is **57.0879, 63.1345, 65.6772**, and **11.7723, 13.4652, 13.5339** is the 20% darker color. If you saturate the color by 10%, you get **25.4861, 30.4857, 29.5948**, and if you desaturate by 10%, it is **32.2174, 33.8013, 36.8930**.

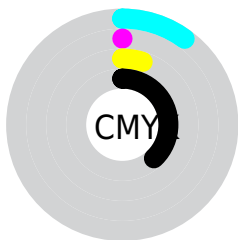
Distribution



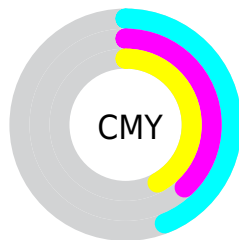
- Red (56%)
- Green (62%)
- Blue (58%)



- Red (56%)
- Yellow (60%)
- Blue (62%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6371, 32.0347, 33.1077 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 28.6371, 32.0347, 33.1077 by changing the saturation by 10% instead.

■ 28.6371, 32.0347,
33.1077

■ 28.6371, 32.0347,
33.1077

287.5240,
311.2773, 330.7816

■ 18.9494, 21.3880,
21.9372

■ 56.9016, 62.8655,
65.6616

■ 11.7375, 13.4079,
13.6129

■ 76.2090, 83.8184,
87.8820

■ 6.6361, 7.7100,
7.7162

■ 99.4537, 108.9754,
114.6228

■ 3.2799, 3.9100,
3.8288

127.0011,
138.7211, 146.3026

■ 1.3034, 1.6233,
1.5319

159.2165,
173.4397, 183.3398

■ 0.1858, 0.3733,
0.2415

196.4652,

■ 0.0000, 0.0000,

213.5157, 226.1530

0.0000

239.1126,
259.3334, 275.1608

■ 28.6371, 32.0347,
33.1077

■ 28.6371, 32.0347,
33.1077

■ 25.4861, 30.4857,
29.5948

■ 32.2174, 33.8013,
36.8930

■ 22.7450, 29.1417,
26.3462

■ 36.2402, 35.7894,
40.9546

■ 20.3968, 27.9949,
23.3564

■ 40.7214, 38.0080,
45.2986

■ 18.4222, 27.0355,
20.6189

■ 45.6753, 40.4644,
49.9306

■ 16.8001, 26.2527,
18.1268

■ 51.1155, 43.1655,
54.8558

■ 15.5074, 25.6349,
15.8731

■ 57.0550, 46.1180,
60.0796

■ 14.5179, 25.1685,
13.8502

■ 63.5066, 49.3283,
65.6068

■ 13.8013, 24.8382,
12.0500

■ 65.6922, 50.3331,
71.2183

■ 13.2899, 24.6091,
10.4626

■ 66.8030, 50.7774,
77.0675

Harmonies

Analogous

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



29.1804, 32.0347, 30.8390



28.6371, 32.0347, 33.1077



28.5726, 32.0347, 35.9761

Triad

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



28.6371, 32.0347, 33.1077



30.8282, 32.0347, 40.6583



31.9412, 32.0347, 31.3265

Complementary

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



28.6371, 32.0347, 33.1077



29.0838, 28.7169, 32.8657

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.



32.4038, 32.0347, 33.8071



28.6371, 32.0347, 33.1077



31.7518, 32.0347, 39.2601

Square

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



28.6371, 32.0347, 33.1077



29.8226, 32.0347, 40.4453



32.3337, 32.0347, 36.7152



31.0821, 32.0347, 29.8508

Rectangle

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



28.6371, 32.0347, 33.1077



28.8081, 32.0347, 37.8563



32.3337, 32.0347, 36.7152



32.1491, 32.0347, 32.0646

Sweetspot

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



28.6380, 32.0361, 33.1084



55.3615, 59.3798, 63.6389



29.5644, 32.5763, 30.3212



12.0715, 13.0117, 13.8872



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.



28.6380, 32.0361, 33.1084



50.2983, 56.8844, 58.2155



29.2354, 32.2750, 36.2541



6.6731, 7.4500, 7.7130



10.7945, 19.9857, 8.5407



0.2142, 0.3658, 0.2643

Inverse Universe

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



29.0838, 28.7169, 32.8657



51.2247, 49.9873, 57.7112



28.5176, 28.4904, 29.8840



6.7735, 6.7023, 7.6584



12.6036, 6.3460, 7.4294



0.2466, 0.1220, 0.2449

Previews

White Background



This preview shows how the XYZ color 28.6371, 32.0347, 33.1077 looks on a white background.

Color Contrast Check

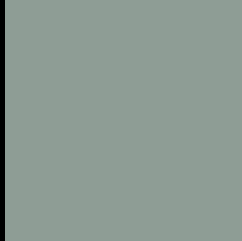
Large Text (above 18pt) WCAG AA × Fail

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 28.6371, 32.0347, 33.1077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

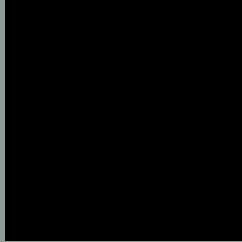
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.6371, 32.0347, 33.1077

Background



This preview shows how black text looks on a background with the XYZ color 28.6371, 32.0347, 33.1077.



This preview shows how white text looks on a background with the XYZ color 28.6371, 32.0347,

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

28.6371, 32.0347, 33.1077

Protanopia

30.5623, 32.0571, 32.1806

Deuteranopia

32.5380, 31.8492, 33.7107



Tritanopia

30.2077, 31.9210, 41.1285

Trichromacy



Original Color

28.6371, 32.0347, 33.1077

Protanomaly

29.8498, 31.9247, 32.6058

Deuteranomaly

30.8697, 31.7062, 33.3471

Tritanomaly

29.5681, 31.9100, 37.8586

Monochromacy



Original Color

28.6371, 32.0347, 33.1077

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3543, 31.6415, 33.8384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6371, 32.0347, 33.1077 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(142, 157, 149)` looks like.

```
.text, #text, p{  
    color:rgb(142, 157, 149)  
}
```

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(142, 157, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 157, 149) }
```

Border

The CSS property to change the border of an element to XYZ 28.6371, 32.0347, 33.1077 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(142, 157, 149) }
```


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

```
.border{ border-color:rgb(142, 157, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 157, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 157, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 157, 149);  
box-shadow:4px 4px 4px 4px rgb(142, 157,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6371, 32.0347, 33.1077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 157, 149) }
```

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

```
.background{ background-color: rgb(142,  
157, 149) }
```

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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