

Converting Colors

XYZ(28.9973, 33.4971, 34.0191)

Have a look what the booklet for
XYZ(28.9973, 33.4971, 34.0191)
contains.

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Color

**XYZ(28.9875, 33.4783,
34.2123)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA297
RGB	138, 162, 151
RGB Percent	54%, 64%, 59%
CMY	0.4588, 0.3647, 0.4078
CMYK	0.15, 0.00, 0.07, 0.36
HSL	152°, 11%, 59%
HSV	152°, 15%, 64%
XYZ	28.9875, 33.4783, 34.2123
YIQ	153.5700, -10.7730, -8.5090

Conversions

Conversions Part 2

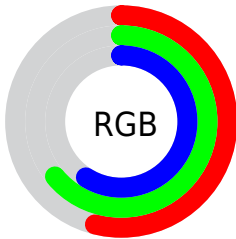
Format	Color
RYB	138, 154, 162
Decimal	9085591
CIELab	64.55, -10.62, 2.90
CIELCh	65, 11.014, 164.708
Yxy	33.4783, 0.2998, 0.3463
Android (android.graphics.Color)	4287275671 (0xFF8AA297)
YUV	153.5700, -1.2670, -13.6549
Hunter-Lab	57.8604, -11.8290, 5.4447

Details

The XYZ color **28.9875, 33.4783, 34.2123** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4148, 28.0292, 32.2952**, and the grayscale version is **30.5364, 32.1266, 34.9859**.

A 20% lighter version of the original color is **57.5705, 65.2400, 67.3159**, and **11.9007, 14.1467, 14.1599** is the 20% darker color. If you saturate the color by 10%, you get **25.9205, 31.9656, 31.0194**, and if you desaturate by 10%, it is **32.4942, 35.2151, 37.6255**.

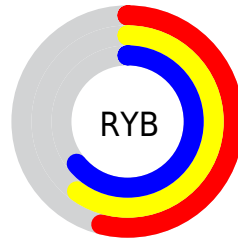
Distribution



Red (54%)

Green (64%)

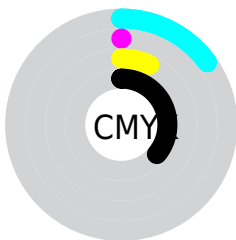
Blue (59%)



Red (54%)

Yellow (60%)

Blue (64%)

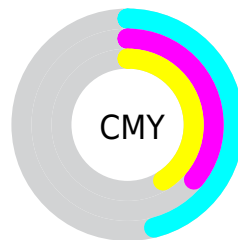


Cyan (15%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9875, 33.4783, 34.2123 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 28.9875, 33.4783, 34.2123 by changing the saturation by 10% instead.

■ 28.9875, 33.4783,
34.2123

■ 28.9875, 33.4783,
34.2123

289.1512,
317.7995, 335.8757

■ 19.2156, 22.4931,
22.7781

■ 57.4549, 65.1216,
67.4013

■ 11.9311, 14.2197,
14.2260

■ 76.8812, 86.5484,
89.9932

■ 6.7686, 8.2736,
8.1374

■ 100.2562,
112.2246, 117.1414

■ 3.3629, 4.2705,
4.0940

127.9454,
142.5345, 149.2644

■ 1.3484, 1.8260,
1.6770

160.3142,
177.8626, 186.7808

■ 0.2190, 0.5033,
0.3449

197.7279,

■ 0.0000, 0.0000,

218.5932, 230.1091

0.0000

240.5517,
265.1107, 279.6679

■ 28.9875, 33.4783,
34.2123

■ 28.9875, 33.4783,
34.2123

■ 25.9205, 31.9656,
31.0194

■ 32.4942, 35.2151,
37.6255

■ 23.2720, 30.6635,
28.0402

■ 36.4551, 37.1806,
41.2611

■ 21.0234, 29.5632,
25.2707

■ 40.8873, 39.3846,
45.1241

■ 19.1532, 28.6540,
22.7060

■ 45.8062, 41.8349,
49.2185

■ 17.6382, 27.9237,
20.3412

■ 51.2266, 44.5390,
53.5484

■ 16.4521, 27.3591,
18.1709

■ 57.1627, 47.5042,
58.1174

■ 15.5651, 26.9447,
16.1895

■ 63.6279, 50.7373,
62.9296

■ 14.9401, 26.6617,
14.3909

■ 65.8450, 51.7755,
67.7642

■ 14.6718, 26.5422,
13.5266

■ 66.7944, 52.1553,
72.7638

Harmonies

Analogous

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



29.7369, 33.4783, 30.6292



28.9875, 33.4783, 34.2123



28.9800, 33.4783, 38.6988

Triad

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



28.9875, 33.4783, 34.2123



32.5952, 33.4783, 45.5008



34.0212, 33.4783, 30.6850

Complementary

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



28.9875, 33.4783, 34.2123



29.4148, 28.0292, 32.2952

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.



34.8400, 33.4783, 34.2943



28.9875, 33.4783, 34.2123



33.9984, 33.4783, 42.9700

Square

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



28.9875, 33.4783, 34.2123



31.0281, 33.4783, 45.4743



34.8315, 33.4783, 38.7877



32.6255, 33.4783, 28.7100

Rectangle

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



28.9875, 33.4783, 34.2123



29.3950, 33.4783, 41.6168



34.8315, 33.4783, 38.7877



34.3751, 33.4783, 31.7336

Sweetspot

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



28.9884, 33.4797, 34.2130



59.4916, 64.1772, 68.7777



29.9399, 34.0855, 29.0465



13.2504, 14.3588, 15.3424



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.



28.9884, 33.4797, 34.2130



50.5708, 59.7630, 60.0190



29.7838, 33.5731, 39.0945



7.1384, 7.9562, 8.3408



11.5802, 20.9184, 10.7717



0.2668, 0.4490, 0.3502

Inverse Universe

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



29.4148, 28.0292, 32.2952



51.5062, 47.8071, 55.8126



28.6925, 27.9246, 27.9230



7.2025, 7.1374, 8.0527



12.7408, 6.4524, 5.8256



0.2915, 0.1451, 0.2476

Previews

White Background



This preview shows how the XYZ color 28.9875, 33.4783, 34.2123 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 28.9875, 33.4783, 34.2123 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

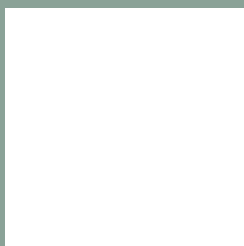
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9875, 33.4783, 34.2123

Background



This preview shows how black text looks on a background with the XYZ color 28.9875, 33.4783, 34.2123.



This preview shows how white text looks on a background with the XYZ color 28.9875, 33.4783,

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

28.9875, 33.4783, 34.2123

Protanopia

31.8529, 33.4606, 32.3835

Deuteranopia

33.8296, 33.2038, 34.7629



Tritanopia

30.9999, 33.5256, 43.8669

Trichromacy



Original Color

28.9875, 33.4783, 34.2123

Protanomaly

30.7090, 33.3641, 32.8384

Deuteranomaly

31.8860, 33.1833, 34.4302

Tritanomaly

30.2562, 33.4847, 39.9905

Monochromacy



Original Color

28.9875, 33.4783, 34.2123

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.0195, 32.7097, 34.8684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9875, 33.4783, 34.2123 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(138, 162, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 162, 151) }
```

Border

The CSS property to change the border of an element to XYZ 28.9875, 33.4783, 34.2123 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, 151) }
```


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

```
.border{ border-color:rgb(138, 162, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 162, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 162, 151);  
box-shadow:4px 4px 4px 4px rgb(138, 162,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9875, 33.4783, 34.2123 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, 151) }
```

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

```
.background{ background-color: rgb(138,  
162, 151) }
```

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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