

Converting Colors

XYZ(29.7582, 38.7407, 33.3544)

Have a look what the booklet for
XYZ(29.7582, 38.7407, 33.3544)
contains.

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Color

**XYZ(29.6987, 38.6319,
33.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB393
RGB	124, 179, 147
RGB Percent	49%, 70%, 58%
CMY	0.5137, 0.2980, 0.4235
CMYK	0.31, 0.00, 0.18, 0.30
HSL	145°, 27%, 59%
HSV	145°, 31%, 70%
XYZ	29.6987, 38.6319, 33.4952
YIQ	158.9070, -22.5080, -21.6120

Conversions

Conversions Part 2

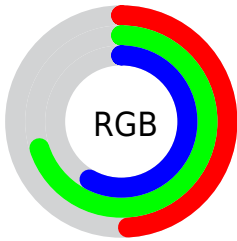
Format	Color
RYB	124, 163, 179
Decimal	8172435
CIELab	68.48, -24.87, 10.65
CIELCh	68, 27.050, 156.814
Yxy	38.6319, 0.2917, 0.3794
Android (android.graphics.Color)	4286362515 (0xFF7CB393)
YUV	158.9070, -5.8702, -30.6134
Hunter-Lab	62.1546, -23.4796, 11.5567

Details

The XYZ color **29.6987, 38.6319, 33.4952** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.8001, 26.4001, 34.8736**, and the grayscale version is **32.9463, 34.6621, 37.7470**.

A 20% lighter version of the original color is **58.6110, 73.0987, 66.2787**, and **12.3198, 17.1827, 13.7336** is the 20% darker color. If you saturate the color by 10%, you get **26.5624, 37.1063, 29.2740**, and if you desaturate by 10%, it is **33.3807, 40.4323, 38.1299**.

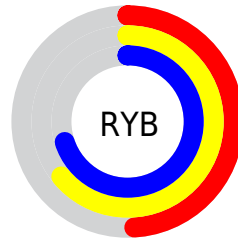
Distribution



Red (49%)

Green (70%)

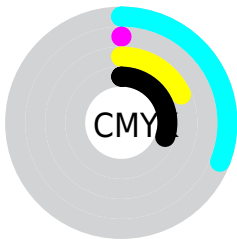
Blue (58%)



Red (49%)

Yellow (64%)

Blue (70%)

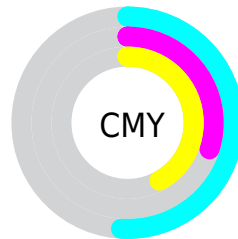


Cyan (31%)

Magenta (0%)

Yellow (18%)

Black (30%)



Cyan (51%)

Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6987, 38.6319, 33.4952 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 29.6987, 38.6319, 33.4952 by changing the saturation by 10% instead.

■ 29.6987, 38.6319,
33.4952

■ 29.6987, 38.6319,
33.4952

292.4326,
340.3229, 332.5754

■ 19.7569, 26.4735,
22.2319

■ 58.5753, 73.0756,
66.2728

■ 12.3257, 17.1782,
13.8274

■ 78.2408, 96.1298,
88.6241

■ 7.0397, 10.3616,
7.8634

■ 101.8783,
123.5846, 115.5085

■ 3.5335, 5.6394,
3.9211

129.8531,
155.8245, 147.3445

■ 1.4418, 2.6271,
1.5822

162.5305,
193.2339, 184.5507

■ 0.2857, 0.9403,
0.2780

200.2761,

■ 0.0000, 0.0000,

236.1972, 227.5455

0.0000

243.4550,
285.0987, 276.7476

■ 29.6987, 38.6319,
33.4952

■ 29.6987, 38.6319,
33.4952

■ 26.5624, 37.1063,
29.2740

■ 33.3807, 40.4323,
38.1299

■ 23.9413, 35.8370,
25.4522

■ 37.6306, 42.5157,
43.1865

■ 21.8066, 34.8103,
22.0186

■ 42.4733, 44.8957,
48.6765

■ 20.1251, 34.0094,
18.9606

■ 47.9311, 47.5837,
54.6099

■ 18.8593, 33.4152,
16.2648

■ 54.0252, 50.5902,
60.9967

■ 17.9653, 33.0054,
13.9168

■ 60.7757, 53.9256,
67.8464

■ 17.3859, 32.7477,
12.0351

■ 68.2019, 57.5996,
75.1682

■ 71.6889, 59.2329,
82.7543

■ 73.1986, 59.8368,
90.7042

Harmonies

Analogous

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



32.0303, 38.6319, 25.9535



29.6987, 38.6319, 33.4952



29.1782, 38.6319, 44.9056

Triad

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



29.6987, 38.6319, 33.4952



37.6979, 38.6319, 69.8867



43.6666, 38.6319, 29.5260

Complementary

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



29.6987, 38.6319, 33.4952



31.8001, 26.4001, 34.8736

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.



45.4572, 38.6319, 39.3440



29.6987, 38.6319, 33.4952



41.8431, 38.6319, 63.7522

Square

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



29.6987, 38.6319, 33.4952



33.5901, 38.6319, 67.4916



44.7654, 38.6319, 51.9812



40.0352, 38.6319, 23.9901

Rectangle

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



29.6987, 38.6319, 33.4952



29.8891, 38.6319, 53.5449



44.7654, 38.6319, 51.9812



44.5161, 38.6319, 32.3533

Sweetspot

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



29.6998, 38.6335, 33.4961



68.6870, 76.7767, 78.8391



33.4859, 40.7735, 25.1743



14.9546, 16.8808, 17.1629



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.6998, 38.6335, 33.4961



49.2122, 67.2513, 54.6945



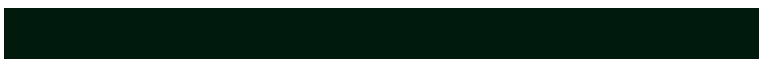
32.1142, 39.5993, 46.2103



8.5315, 9.5471, 9.7924



12.3161, 23.1524, 8.6673



0.4169, 0.7402, 0.4274

Inverse Universe

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



31.8001, 26.4001, 34.8736



53.5839, 41.7732, 57.5508



29.7339, 25.5736, 23.9934



8.6967, 8.5854, 9.9014



14.9409, 7.4939, 10.1145



0.4984, 0.2471, 0.4673

Previews

White Background



This preview shows how the XYZ color 29.6987, 38.6319, 33.4952 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 29.6987, 38.6319, 33.4952 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 29.6987, 38.6319, 33.4952

Background



This preview shows how black text looks on a background with the XYZ color 29.6987, 38.6319, 33.4952.



This preview shows how white text looks on a background with the XYZ color 29.6987, 38.6319,

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

29.6987, 38.6319, 33.4952

Protanopia

36.0490, 38.2798, 30.2997

Deuteranopia

38.8958, 38.0673, 34.5759



Tritanopia

33.4289, 38.3805, 52.6600

Trichromacy



Original Color

29.6987, 38.6319, 33.4952

Protanomaly

33.2311, 38.1769, 31.6040

Deuteranomaly

34.8408, 37.8388, 34.3215

Tritanomaly

31.8296, 38.3056, 44.7459

Monochromacy



Original Color

29.6987, 38.6319, 33.4952

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.4067, 35.7500, 36.2555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6987, 38.6319, 33.4952 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(124, 179, 147)` looks like.

```
.text, #text, p{  
    color:rgb(124, 179, 147)  
}
```

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(124, 179, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 179, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.6987, 38.6319, 33.4952 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(124, 179, 147) }
```


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

```
.border{ border-color:rgb(124, 179, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 179, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 179, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 179, 147);  
box-shadow:4px 4px 4px 4px rgb(124, 179,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6987, 38.6319, 33.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 179, 147) }
```

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

```
.background{ background-color: rgb(124,  
179, 147) }
```

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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