

Converting Colors

XYZ(28.8359, 38.0212, 26.8672)

Have a look what the booklet for
XYZ(28.8359, 38.0212, 26.8672)
contains.

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Color

**XYZ(28.8517, 38.0417,
26.9412)**

Conversions

Conversions Part 1

Format	Color
Hex	80B282
RGB	128, 178, 130
RGB Percent	50%, 70%, 51%
CMY	0.4980, 0.3019, 0.4902
CMYK	0.28, 0.00, 0.27, 0.30
HSL	122°, 25%, 60%
HSV	122°, 28%, 70%
XYZ	28.8517, 38.0417, 26.9412
YIQ	157.5780, -14.3920, -25.5280

Conversions

Conversions Part 2

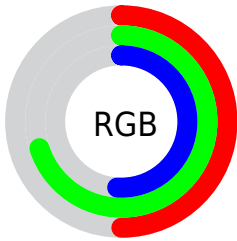
Format	Color
RYB	128, 176, 178
Decimal	8434306
CIELab	68.05, -26.26, 19.36
CIElCh	68, 32.622, 143.603
Yxy	38.0417, 0.3075, 0.4054
Android (android.graphics.Color)	4286624386 (0xFF80B282)
YUV	157.5780, -13.5960, -25.9399
Hunter-Lab	61.6780, -24.4377, 17.2764

Details

The XYZ color **28.8517, 38.0417, 26.9412** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.9170, 28.0386, 44.7001**, and the grayscale version is **32.3733, 34.0593, 37.0905**.

A 20% lighter version of the original color is **57.2615, 72.2096, 55.7196**, and **11.8422, 16.8242, 10.2127** is the 20% darker color. If you saturate the color by 10%, you get **25.3523, 36.3605, 21.2793**, and if you desaturate by 10%, it is **33.0134, 40.0445, 33.6300**.

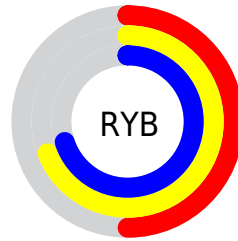
Distribution



Red (50%)

Green (70%)

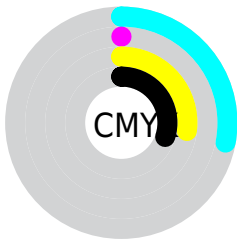
Blue (51%)



Red (50%)

Yellow (69%)

Blue (70%)

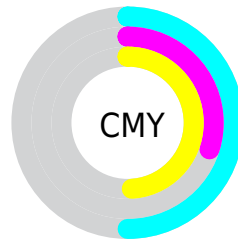


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (30%)



Cyan (50%)

Magenta (30%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8517, 38.0417, 26.9412 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 28.8517, 38.0417, 26.9412 by changing the saturation by 10% instead.

■ 28.8517, 38.0417,
26.9412

■ 28.8517, 38.0417,
26.9412

288.5214,
337.7988, 301.1235

■ 19.1124, 26.0151,
17.2970

■ 57.2406, 72.1720,
55.7921

■ 11.8560, 16.8349,
10.2823

■ 76.6208, 95.0445,
75.8359

■ 6.7172, 10.1169,
5.4785

■ 99.9455, 122.3011,
100.1833

■ 3.3306, 5.4765,
2.4670

127.5798,
154.3261, 129.2528

■ 1.3309, 2.5295,
0.8226

159.8892,
191.5040, 163.4631

■ 0.2062, 0.8913,
0.0000

197.2391,

■ 0.0000, 0.0000,

234.2192, 203.2326

0.0000

239.9947,
282.8560, 248.9799

■ 28.8517, 38.0417,
26.9412

■ 28.8517, 38.0417,
26.9412

■ 25.3523, 36.3605,
21.2793

■ 33.0134, 40.0445,
33.6300

■ 22.4781, 34.9796,
16.5913

■ 37.8657, 42.3792,
41.3904

■ 20.1933, 33.8828,
12.8229

■ 43.4393, 45.0618,
50.2674

■ 18.4570, 33.0502,
9.9137

■ 49.7619, 48.1057,
60.3028

■ 17.2231, 32.4597,
7.7962

■ 56.8598, 51.5235,
71.5362

■ 16.4380, 32.0853,
6.3926

■ 64.7579, 55.3273,
84.0052

■ 16.0206, 31.8870,
5.6087

■ 73.4803, 59.5288,
97.7460

■ 15.9602, 31.8579,
5.5126

■ 75.2112, 60.3223,
102.2871

Harmonies

Analogous

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



32.3860, 38.0417, 20.7125



28.8517, 38.0417, 26.9412



27.2938, 38.0417, 38.3820

Triad

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



28.8517, 38.0417, 26.9412



35.0802, 38.0417, 75.9015



45.8663, 38.0417, 31.2000

Complementary

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



28.8517, 38.0417, 26.9412



33.9170, 28.0386, 44.7001

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.



46.7583, 38.0417, 44.6163



28.8517, 38.0417, 26.9412



40.2109, 38.0417, 72.7040

Square

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



28.8517, 38.0417, 26.9412



30.6661, 38.0417, 68.2628



44.6029, 38.0417, 60.3348



42.2682, 38.0417, 22.7385

Rectangle

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



28.8517, 38.0417, 26.9412



27.4709, 38.0417, 48.3544



44.6029, 38.0417, 60.3348



46.5057, 38.0417, 35.1841

Sweetspot

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



28.8527, 38.0433, 26.9420



68.6193, 76.8270, 74.9842



37.7983, 42.6703, 26.6663



14.8928, 16.8719, 16.1181



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.



28.8527, 38.0433, 26.9420



48.0635, 66.9394, 41.9778



30.7120, 38.7870, 36.7327



8.4023, 9.4954, 9.1122



11.4248, 22.7959, 3.9737



0.3640, 0.7191, 0.1489

Inverse Universe

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



33.9170, 28.0386, 44.7001



58.8391, 45.6479, 79.7599



31.6934, 27.1492, 32.9911



8.8350, 8.6407, 10.6298



18.3937, 8.8750, 28.2968



0.5832, 0.2810, 0.9140

Previews

White Background



This preview shows how the XYZ color 28.8517, 38.0417, 26.9412 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 28.8517, 38.0417, 26.9412 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 28.8517, 38.0417, 26.9412

Background



This preview shows how black text looks on a background with the XYZ color 28.8517, 38.0417, 26.9412.



This preview shows how white text looks on a background with the XYZ color 28.8517, 38.0417,

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

28.8517, 38.0417, 26.9412

Protanopia

35.2247, 37.7126, 24.4915

Deuteranopia

38.4394, 37.7240, 27.8097



Tritanopia

33.8011, 38.0319, 51.4583

Trichromacy



Original Color

28.8517, 38.0417, 26.9412

Protanomaly

32.4387, 37.6267, 25.2916

Deuteranomaly

34.2320, 37.4009, 27.6052

Tritanomaly

31.7591, 38.0570, 41.2692

Monochromacy



Original Color

28.8517, 38.0417, 26.9412

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.8331, 35.2514, 33.1961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8517, 38.0417, 26.9412 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(128, 178, 130)` looks like.

```
.text, #text, p{  
    color:rgb(128, 178, 130)  
}
```

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(128, 178, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 178, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.8517, 38.0417, 26.9412 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(128, 178, 130) }
```


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

```
.border{ border-color:rgb(128, 178, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 178, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 178, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 178, 130);  
box-shadow:4px 4px 4px 4px rgb(128, 178,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8517, 38.0417, 26.9412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 178, 130) }
```

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

```
.background{ background-color: rgb(128,  
178, 130) }
```

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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