

Converting Colors

XYZ(28.9571, 38.1189, 25.9102)

Have a look what the booklet for
XYZ(28.9571, 38.1189, 25.9102)
contains.

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Color

**XYZ(28.9571, 38.1189,
25.9102)**

Conversions

Conversions Part 1

Format	Color
Hex	82B27F
RGB	130, 178, 127
RGB Percent	51%, 70%, 50%
CMY	0.4902, 0.3019, 0.5020
CMYK	0.27, 0.00, 0.29, 0.30
HSL	116°, 25%, 60%
HSV	116°, 29%, 70%
XYZ	28.9571, 38.1189, 25.9102
YIQ	157.8340, -12.2370, -26.0370

Conversions

Conversions Part 2

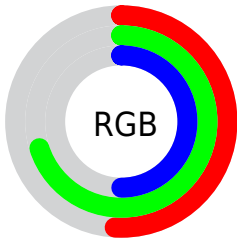
Format	Color
RYB	127, 178, 175
Decimal	8565375
CIELab	68.11, -26.09, 21.08
CIELCh	68, 33.543, 141.071
Yxy	38.1189, 0.3114, 0.4099
Android (android.graphics.Color)	4286755455 (0xFF82B27F)
YUV	157.8340, -15.2012, -24.4104
Hunter-Lab	61.7405, -24.3271, 18.3365

Details

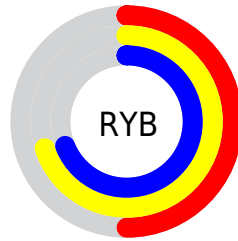
The XYZ color **28.9571, 38.1189, 25.9102** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **33.3061, 27.5082, 45.6756**, and the grayscale version is **32.4957, 34.1880, 37.2307**.

A 20% lighter version of the original color is **57.4282, 72.3313, 54.1146**, and **11.8976, 16.8653, 9.6494** is the 20% darker color. If you saturate the color by 10%, you get **25.5342, 36.4779, 20.2201**, and if you desaturate by 10%, it is **33.0054, 40.0609, 32.7011**.

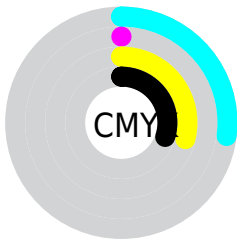
Distribution



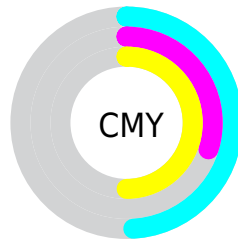
- Red (51%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (29%)
- Black (30%)



- Cyan (49%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9571, 38.1189, 25.9102 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 28.9571, 38.1189, 25.9102 by changing the saturation by 10% instead.

■ 28.9571, 38.1189,
25.9102

■ 28.9571, 38.1189,
25.9102

289.0103,
338.1297, 295.9324

■ 19.1925, 26.0750,
16.5313

■ 57.4069, 72.2903,
54.1123

■ 11.9143, 16.8797,
9.7425

■ 76.8229, 95.1867,
73.7727

■ 6.7571, 10.1488,
5.1252

■ 100.1867,
122.4692, 97.6972

■ 3.3556, 5.4977,
2.2609

127.8636,
154.5225, 126.3046

■ 1.3445, 2.5421,
0.7092

160.2191,
191.7307, 160.0132

■ 0.2162, 0.8977,
0.0000

197.6185,

■ 0.0000, 0.0000,

234.4784, 199.2417

0.0000

240.4271,
283.1500, 244.4086

■ 28.9571, 38.1189,
25.9102

■ 28.9571, 38.1189,
25.9102

■ 25.5342, 36.4779,
20.2201

■ 33.0054, 40.0609,
32.7011

■ 22.7028, 35.1182,
15.5704

■ 37.7050, 42.3127,
40.6438

■ 20.4301, 34.0255,
11.8991

■ 43.0839, 44.8887,
49.7892

■ 18.6791, 33.1822,
9.1361

■ 49.1676, 47.8013,
60.1843

■ 17.4082, 32.5685,
7.2026

■ 55.9805, 51.0617,
71.8736

■ 16.5695, 32.1617,
6.0057

■ 63.5454, 54.6811,
84.8997

■ 16.0962, 31.9310,
5.3838

■ 71.8845, 58.6699,
99.3028

■ 16.0522, 31.9098,
5.3132

■ 75.2111, 60.3223,
102.2870

Harmonies

Analogous

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



32.7342, 38.1189, 20.0127



28.9571, 38.1189, 25.9102



27.1764, 38.1189, 37.1932

Triad

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



28.9571, 38.1189, 25.9102



34.6922, 38.1189, 76.9545



46.4487, 38.1189, 31.9874

Complementary

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



28.9571, 38.1189, 25.9102



33.3061, 27.5082, 45.6756

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.



47.1015, 38.1189, 46.1378



28.9571, 38.1189, 25.9102



39.9681, 38.1189, 74.5993

Square

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



28.9571, 38.1189, 25.9102



30.2719, 38.1189, 68.1841



44.6308, 38.1189, 62.3607



42.9246, 38.1189, 22.8894

Rectangle

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



28.9571, 38.1189, 25.9102



27.2304, 38.1189, 47.2849



44.6308, 38.1189, 62.3607



47.0238, 38.1189, 36.2164

Sweetspot

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



28.9581, 38.1205, 25.9110



67.9143, 76.5085, 72.9250



37.4448, 41.5036, 26.1167



14.7592, 16.8129, 15.6700



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.



28.9581, 38.1205, 25.9110



48.6929, 67.2944, 40.6260



30.1068, 38.5276, 34.3265



8.4337, 9.5131, 9.0442



11.5039, 22.8405, 3.8023



0.3772, 0.7265, 0.1204

Inverse Universe

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



33.3061, 27.5082, 45.6756



57.7971, 45.0593, 82.0323



31.9431, 27.0416, 34.9454



8.7997, 8.6208, 10.7065



17.2518, 8.2294, 30.8162



0.5576, 0.2666, 0.9703

Previews

White Background



This preview shows how the XYZ color 28.9571, 38.1189, 25.9102 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 28.9571, 38.1189, 25.9102 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 28.9571, 38.1189, 25.9102

Background



This preview shows how black text looks on a background with the XYZ color 28.9571, 38.1189, 25.9102.



This preview shows how white text looks on a background with the XYZ color 28.9571, 38.1189,

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

28.9571, 38.1189, 25.9102

Protanopia

35.2664, 37.7557, 23.5180

Deuteranopia

38.4872, 37.7724, 26.7350



Tritanopia

34.0299, 38.1620, 50.9198

Trichromacy



Original Color

28.9571, 38.1189, 25.9102

Protanomaly

32.6478, 37.7566, 24.3059

Deuteranomaly

34.2430, 37.4302, 26.5390

Tritanomaly

31.9003, 38.1507, 40.3328

Monochromacy



Original Color

28.9571, 38.1189, 25.9102

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.9343, 35.3128, 32.7894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9571, 38.1189, 25.9102 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(130, 178, 127)` looks like.

```
.text, #text, p{  
    color:rgb(130, 178, 127)  
}
```

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(130, 178, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 178, 127) }
```

Border

The CSS property to change the border of an element to XYZ 28.9571, 38.1189, 25.9102 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(130, 178, 127) }
```


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

```
.border{ border-color:rgb(130, 178, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 178, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 178, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 178, 127);  
box-shadow:4px 4px 4px 4px rgb(130, 178,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9571, 38.1189, 25.9102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 178, 127) }
```

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

```
.background{ background-color: rgb(130,  
178, 127) }
```

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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