

Converting Colors

XYZ(30.0350, 38.4931, 28.9936)

Have a look what the booklet for
XYZ(30.0350, 38.4931, 28.9936)
contains.

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Color

**XYZ(30.1958, 38.6867,
29.1683)**

Conversions

Conversions Part 1

Format	Color
Hex	86B288
RGB	134, 178, 136
RGB Percent	53%, 70%, 53%
CMY	0.4745, 0.3019, 0.4667
CMYK	0.25, 0.00, 0.24, 0.30
HSL	123°, 22%, 61%
HSV	123°, 25%, 70%
XYZ	30.1958, 38.6867, 29.1683
YIQ	160.0560, -12.7420, -22.3900

Conversions

Conversions Part 2

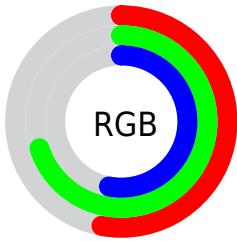
Format	Color
RYB	134, 176, 178
Decimal	8827528
CIELab	68.52, -23.15, 16.80
CIElCh	69, 28.609, 144.033
Yxy	38.6867, 0.3080, 0.3946
Android (android.graphics.Color)	4287017608 (0xFF86B288)
YUV	160.0560, -11.8596, -22.8511
Hunter-Lab	62.1986, -22.1906, 15.7348

Details

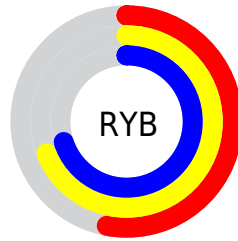
The XYZ color **30.1958, 38.6867, 29.1683** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.7229, 29.6505, 44.9689**, and the grayscale version is **33.4974, 35.2419, 38.3784**.

A 20% lighter version of the original color is **59.3472, 73.2111, 59.1473**, and **12.5806, 17.1781, 11.4567** is the 20% darker color. If you saturate the color by 10%, you get **26.4807, 36.9012, 23.1830**, and if you desaturate by 10%, it is **34.5820, 40.7982, 36.1859**.

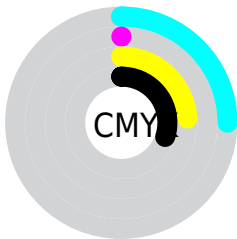
Distribution



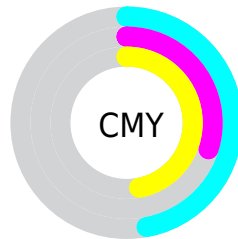
- Red (53%)
- Green (70%)
- Blue (53%)



- Red (53%)
- Yellow (69%)
- Blue (70%)



- Cyan (25%)
- Magenta (0%)
- Yellow (24%)
- Black (30%)





- Cyan (47%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1958, 38.6867, 29.1683 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 30.1958, 38.6867, 29.1683 by changing the saturation by 10% instead.


 30.1958, 38.6867,
29.1683


 30.1958, 38.6867,
29.1683


294.7095,
340.5566, 312.0940


 20.1361, 26.5161,
18.9615


 59.3562, 73.1595,
59.3897

 12.6028, 17.2101,
11.4659


 79.1876, 96.2304,
80.2415

 7.2307, 10.3844,
6.2631


 103.0068,
123.7036, 105.4786

 3.6544, 5.6546,
2.9343

131.1794,
155.9633, 135.5196

 1.5086, 2.6362,
1.0612

164.0706,
193.3942, 170.7832

 0.3316, 0.9449,
0.0000

202.0458,

 0.0000, 0.0000,

236.3804, 211.6877

0.0000

245.4703,
285.3064, 258.6518

■ 30.1958, 38.6867,
29.1683

■ 30.1958, 38.6867,
29.1683

■ 26.4807, 36.9012,
23.1830

■ 34.5820, 40.7982,
36.1859

■ 23.4007, 35.4210,
18.1790

■ 39.6668, 43.2457,
44.2786

■ 20.9211, 34.2304,
14.1047

■ 45.4800, 46.0446,
53.4898

■ 19.0028, 33.3103,
10.9028

■ 52.0488, 49.2082,
63.8599

■ 17.6019, 32.6396,
8.5097

■ 59.3987, 52.7489,
75.4271

■ 16.6680, 32.1939,
6.8531

■ 67.5545, 56.6784,
88.2280

■ 16.1405, 31.9437,
5.8480

■ 75.2013, 60.3184,
102.2349

■ 15.9655, 31.8601,
5.5406

■ 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.



33.3543, 38.6867, 23.2853



30.1958, 38.6867, 29.1683



28.8105, 38.6867, 39.5966

Triad

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



30.1958, 38.6867, 29.1683



35.8774, 38.6867, 71.9281



45.2629, 38.6867, 32.8060

Complementary

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



30.1958, 38.6867, 29.1683



34.7229, 29.6505, 44.9689

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.



46.0763, 38.6867, 44.7552



30.1958, 38.6867, 29.1683



40.4124, 38.6867, 69.0860

Square

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



30.1958, 38.6867, 29.1683



31.9140, 38.6867, 65.5611



44.2365, 38.6867, 58.4381



42.0963, 38.6867, 25.0659

Rectangle

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



30.1958, 38.6867, 29.1683



28.9907, 38.6867, 48.4297



44.2365, 38.6867, 58.4381



45.8308, 38.6867, 36.3895

Sweetspot

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



30.1968, 38.6883, 29.1692



69.5977, 77.2970, 76.5875



38.2505, 42.8564, 28.8106



15.2955, 17.0655, 16.7710



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.



30.1968, 38.6883, 29.1692



50.7058, 68.2069, 46.3773



31.8787, 39.3611, 38.0259



8.4041, 9.4961, 9.1218



11.4293, 22.7977, 3.9978



0.3648, 0.7194, 0.1529

Inverse Universe

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



34.7229, 29.6505, 44.9689



60.4188, 48.8091, 80.2809



32.7636, 28.8668, 34.6512



8.8330, 8.6399, 10.6190



18.3285, 8.8490, 27.9537



0.5818, 0.2805, 0.9063

Previews

White Background



This preview shows how the XYZ color 30.1958, 38.6867, 29.1683 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 30.1958, 38.6867, 29.1683 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

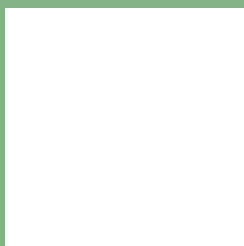
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1958, 38.6867, 29.1683

Background



This preview shows how black text looks on a background with the XYZ color 30.1958, 38.6867, 29.1683.



This preview shows how white text looks on a background with the XYZ color 30.1958, 38.6867,

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

30.1958, 38.6867, 29.1683

Protanopia

35.8644, 38.2582, 26.9671

Deuteranopia

39.0427, 38.2415, 30.1345



Tritanopia

34.6476, 38.4682, 51.4979

Trichromacy



Original Color

30.1958, 38.6867, 29.1683

Protanomaly

33.3063, 38.0200, 27.7735

Deuteranomaly

35.2735, 38.1594, 29.9325

Tritanomaly

32.9263, 38.6376, 42.2816

Monochromacy



Original Color

30.1958, 38.6867, 29.1683

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.1671, 36.4511, 34.6185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1958, 38.6867, 29.1683 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(134, 178, 136)` looks like.

```
.text, #text, p{  
    color:rgb(134, 178, 136)  
}
```

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(134, 178, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 178, 136) }
```

Border

The CSS property to change the border of an element to XYZ 30.1958, 38.6867, 29.1683 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(134, 178, 136) }
```


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

```
.border{ border-color:rgb(134, 178, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 178, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 178, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 178, 136);  
box-shadow:4px 4px 4px 4px rgb(134, 178,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1958, 38.6867, 29.1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 178, 136) }
```

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

```
.background{ background-color: rgb(134,  
178, 136) }
```

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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