

Converting Colors

XYZ(29.0297, 38.7841, 27.1638)

Have a look what the booklet for
XYZ(29.0297, 38.7841, 27.1638)
contains.

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Color

**XYZ(28.9547, 38.6898,
27.0609)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB482
RGB	126, 180, 130
RGB Percent	49%, 71%, 51%
CMY	0.5059, 0.2941, 0.4902
CMYK	0.30, 0.00, 0.28, 0.29
HSL	124°, 26%, 60%
HSV	124°, 30%, 71%
XYZ	28.9547, 38.6898, 27.0609
YIQ	158.1540, -16.1340, -26.9980

Conversions

Conversions Part 2

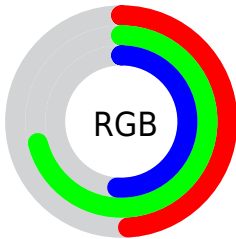
Format	Color
RYB	126, 176, 180
Decimal	8303746
CIELab	68.53, -27.90, 19.99
CIELCh	69, 34.325, 144.384
Yxy	38.6898, 0.3057, 0.4085
Android (android.graphics.Color)	4286493826 (0xFF7EB482)
YUV	158.1540, -13.8799, -28.1991
Hunter-Lab	62.2011, -25.7600, 17.7464

Details

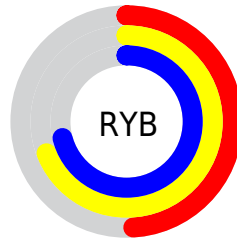
The XYZ color **28.9547, 38.6898, 27.0609** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **34.1210, 27.7604, 44.6358**, and the grayscale version is **32.6364, 34.3360, 37.3919**.

A 20% lighter version of the original color is **57.3651, 73.1131, 55.8885**, and **11.9390, 17.2538, 10.2905** is the 20% darker color. If you saturate the color by 10%, you get **25.5059, 37.0320, 21.5254**, and if you desaturate by 10%, it is **33.0643, 40.6696, 33.5749**.

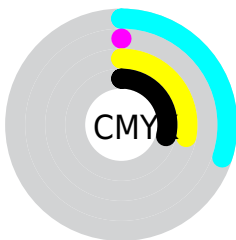
Distribution



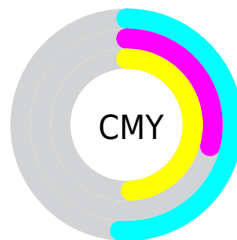
- Red (49%)
- Green (71%)
- Blue (51%)



- Red (49%)
- Yellow (69%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9547, 38.6898, 27.0609 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 28.9547, 38.6898, 27.0609 by changing the saturation by 10% instead.

■ 28.9547, 38.6898,
27.0609

■ 28.9547, 38.6898,
27.0609

288.9992,
340.5698, 301.7214

■ 19.1907, 26.5185,
17.3861

■ 57.4032, 73.1642,
55.9865

■ 11.9130, 17.2119,
10.3453

■ 76.8183, 96.2361,
76.0744

■ 6.7562, 10.3857,
5.5199

■ 100.1812,
123.7103, 100.4704

■ 3.3551, 5.6554,
2.4914

127.8572,
155.9712, 129.5931

■ 1.3442, 2.6367,
0.8356

160.2116,
193.4032, 163.8610

■ 0.2159, 0.9452,
0.0000

197.6099,

■ 0.0000, 0.0000,

236.3907, 203.6927

0.0000

240.4173,
285.3181, 249.5066

■ 28.9547, 38.6898,
27.0609

■ 28.9547, 38.6898,
27.0609

■ 25.5059, 37.0320,
21.5254

■ 33.0643, 40.6696,
33.5749

■ 22.6807, 35.6745,
16.9187

■ 37.8636, 42.9819,
41.1088

■ 20.4425, 34.6009,
13.1908


■ 43.3833, 45.6429,
49.7047


■ 18.7499, 33.7909,
10.2858


■ 49.6515, 48.6662,
59.4014

■ 17.5559, 33.2216,
8.1414


■ 56.6947, 52.0645,
70.2359

 16.8058, 32.8663,
6.6864

 64.5381, 55.8503,
82.2437

 16.3968, 32.6739,
5.8347

 73.2057, 60.0351,
95.4583

 75.6120, 61.1240,
102.4207

Harmonies

Analogous

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



32.6472, 38.6898, 20.4153



28.9547, 38.6898, 27.0609



27.3692, 38.6898, 39.2802

Triad

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



28.9547, 38.6898, 27.0609



35.7657, 38.6898, 79.2369



47.0756, 38.6898, 30.9937

Complementary

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



28.9547, 38.6898, 27.0609



34.1210, 27.7604, 44.6358

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.



48.1174, 38.6898, 45.1073



28.9547, 38.6898, 27.0609



41.2336, 38.6898, 75.4701

Square

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



28.9547, 38.6898, 27.0609



31.0467, 38.6898, 71.2542



45.8866, 38.6898, 61.9477



43.1644, 38.6898, 22.2658

Rectangle

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



28.9547, 38.6898, 27.0609



27.5965, 38.6898, 49.9623



45.8866, 38.6898, 61.9477



47.7881, 38.6898, 35.1563

Sweetspot

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



28.9557, 38.6914, 27.0618



69.4479, 78.3157, 75.7799



38.0838, 43.4276, 26.1142



14.7194, 16.7867, 15.9242



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.



28.9557, 38.6914, 27.0618



48.2329, 68.0995, 42.2330



30.9782, 39.5004, 37.7123



8.4137, 9.5000, 9.1721



11.4536, 22.8074, 4.1255



0.3688, 0.7210, 0.1740

Inverse Universe

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



34.1210, 27.7604, 44.6358



59.1097, 45.0734, 79.2335



31.7412, 26.8085, 32.1040



8.8223, 8.6356, 10.5628



17.9943, 8.7153, 26.1935



0.5742, 0.2774, 0.8664

Previews

White Background



This preview shows how the XYZ color 28.9547, 38.6898, 27.0609 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 28.9547, 38.6898, 27.0609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

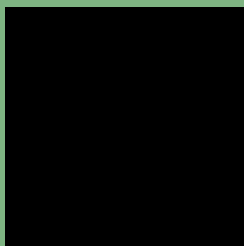
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9547, 38.6898, 27.0609

Background



This preview shows how black text looks on a background with the XYZ color 28.9547, 38.6898, 27.0609.



This preview shows how white text looks on a background with the XYZ color 28.9547, 38.6898,

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

28.9547, 38.6898, 27.0609

Protanopia

35.6344, 38.1926, 24.5626

Deuteranopia

39.1220, 38.3322, 27.8912



Tritanopia

33.9598, 38.6666, 52.1279

Trichromacy



Original Color

28.9547, 38.6898, 27.0609

Protanomaly

32.6269, 38.0031, 25.3544

Deuteranomaly

34.4145, 37.7659, 27.6660

Tritanomaly

31.9240, 38.7094, 41.8655

Monochromacy



Original Color

28.9547, 38.6898, 27.0609

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.8356, 35.5215, 33.2481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9547, 38.6898, 27.0609 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(126, 180, 130)` looks like.

```
.text, #text, p{  
    color:rgb(126, 180, 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(126, 180, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 180, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.9547, 38.6898, 27.0609 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(126, 180, 130) }
```


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

```
.border{ border-color:rgb(126, 180, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 180, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 180, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 180, 130);  
box-shadow:4px 4px 4px 4px rgb(126, 180,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9547, 38.6898, 27.0609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 180, 130) }
```

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

```
.background{ background-color: rgb(126,  
180, 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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