

Converting Colors

XYZ(30.3968, 37.1929, 28.5352)

Have a look what the booklet for
XYZ(30.3968, 37.1929, 28.5352)
contains.

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Color

**XYZ(30.2810, 37.0051,
28.4684)**

Conversions

Conversions Part 1

Format	Color
Hex	8EAC87
RGB	142, 172, 135
RGB Percent	56%, 67%, 53%
CMY	0.4431, 0.3255, 0.4706
CMYK	0.17, 0.00, 0.22, 0.33
HSL	109°, 18%, 60%
HSV	109°, 22%, 67%
XYZ	30.2810, 37.0051, 28.4684
YIQ	158.8120, -6.0030, -17.8670

Conversions

Conversions Part 2

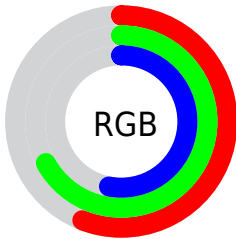
Format	Color
RYB	135, 172, 165
Decimal	9350279
CIELab	67.28, -17.48, 15.70
CIELCh	67, 23.493, 138.067
Yxy	37.0051, 0.3162, 0.3865
Android (android.graphics.Color)	4287540359 (0xFF8EAC87)
YUV	158.8120, -11.7393, -14.7441
Hunter-Lab	60.8318, -17.6015, 14.8354

Details

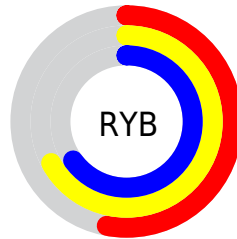
The XYZ color **30.2810, 37.0051, 28.4684** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **31.6290, 28.3069, 42.8285**, and the grayscale version is **32.9234, 34.6380, 37.7208**.

A 20% lighter version of the original color is **59.3111, 70.3048, 58.0211**, and **12.6705, 16.3130, 11.0752** is the 20% darker color. If you saturate the color by 10%, you get **26.9216, 35.4032, 22.4922**, and if you desaturate by 10%, it is **34.1375, 38.8428, 35.4907**.

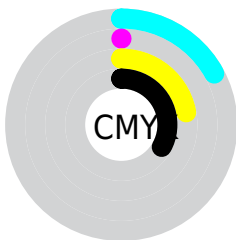
Distribution



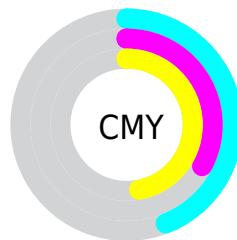
- Red (56%)
- Green (67%)
- Blue (53%)



- Red (53%)
- Yellow (67%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2810, 37.0051, 28.4684 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 30.2810, 37.0051, 28.4684 by changing the saturation by 10% instead.

■ 30.2810, 37.0051,
28.4684

■ 30.2810, 37.0051,
28.4684

295.0984,
333.3326, 308.6804

■ 20.2011, 25.2114,
18.4369

■ 59.4899, 70.5806,
58.2635

■ 12.6504, 16.2347,
11.0915

■ 79.3495, 93.1313,
78.8642

■ 7.2636, 9.6904,
6.0134

■ 103.1999,
120.0364, 103.8250

■ 3.6753, 5.1941,
2.7843

131.4062,
151.6804, 133.5645

■ 1.5201, 2.3616,
0.9856

164.3338,
188.4476, 168.5013

■ 0.3395, 0.8060,
0.0000

202.3482,

■ 0.0000, 0.0000,

230.7224, 209.0539

0.0000

245.8146,
278.8893, 255.6407

■ 30.2810, 37.0051,
28.4684

■ 30.2810, 37.0051,
28.4684

■ 26.9216, 35.4032,
22.4922

■ 34.1375, 38.8428,
35.4907

■ 24.0360, 34.0229,
17.5098

■ 38.5073, 40.9205,
43.6033

■ 21.6033, 32.8557,
13.4681


■ 43.4096, 43.2482,
52.8508


■ 19.5999, 31.8908,
10.3077


■ 48.8617, 45.8337,
63.2745


■ 18.0000, 31.1163,
7.9630


■ 54.8800, 48.6849,
74.9137


 16.7748, 30.5189,
6.3588

 61.4803, 51.8090,
87.8058

 15.8914, 30.0836,
5.4063

 68.6126, 55.1869,
101.6436

 15.3657, 29.8222,
4.9464

 73.5213, 57.7174,
101.8733

 74.0433, 57.9865,
101.8978

Harmonies

Analogous

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



33.0737, 37.0051, 24.2632



30.2810, 37.0051, 28.4684



28.8392, 37.0051, 36.3399

Triad

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



30.2810, 37.0051, 28.4684



33.7637, 37.0051, 62.9048



42.1543, 37.0051, 34.4646

Complementary

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



30.2810, 37.0051, 28.4684



31.6290, 28.3069, 42.8285

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.



42.3705, 37.0051, 44.5213



30.2810, 37.0051, 28.4684



37.3577, 37.0051, 62.1705

Square

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



30.2810, 37.0051, 28.4684



30.7564, 37.0051, 56.8686



40.5637, 37.0051, 55.0061



39.9917, 37.0051, 27.2976

Rectangle

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



30.2810, 37.0051, 28.4684



28.7684, 37.0051, 43.1320



40.5637, 37.0051, 55.0061



42.4621, 37.0051, 37.5800

Sweetspot

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



30.2820, 37.0067, 28.4692



66.0940, 72.4449, 72.0857



34.7711, 37.2878, 28.2869



14.2564, 15.6929, 15.4667



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.2820, 37.0067, 28.4692



51.8038, 65.6397, 46.0427



29.9415, 36.7361, 32.7485



8.0406, 9.0095, 8.5286



11.4698, 22.2100, 3.6824



0.3597, 0.6388, 0.1043

Inverse Universe

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



31.6290, 28.3069, 42.8285



54.7016, 46.8970, 76.9747



32.1028, 28.6693, 37.5152



8.1864, 8.0704, 10.0790



13.5663, 6.3535, 29.5558



0.4151, 0.1962, 0.8240

Previews

White Background



This preview shows how the XYZ color 30.2810, 37.0051, 28.4684 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 30.2810, 37.0051, 28.4684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

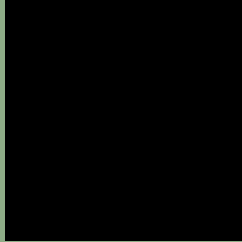
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2810, 37.0051, 28.4684

Background



This preview shows how black text looks on a background with the XYZ color 30.2810, 37.0051, 28.4684.



This preview shows how white text looks on a background with the XYZ color 30.2810, 37.0051,

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

30.2810, 37.0051, 28.4684

Protanopia

34.6495, 36.8317, 26.7557

Deuteranopia

37.3835, 36.6403, 29.1467



Tritanopia

34.1673, 36.9167, 47.9726

Trichromacy



Original Color

30.2810, 37.0051, 28.4684

Protanomaly

32.7014, 36.6198, 27.1746

Deuteranomaly

34.2303, 36.3047, 28.8703

Tritanomaly

32.4676, 36.7606, 40.0346

Monochromacy



Original Color

30.2810, 37.0051, 28.4684

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.9173, 35.5252, 34.0290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2810, 37.0051, 28.4684 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(142, 172, 135)` looks like.

```
.text, #text, p{  
    color:rgb(142, 172, 135)  
}
```

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(142, 172, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 172, 135) }
```

Border

The CSS property to change the border of an element to XYZ 30.2810, 37.0051, 28.4684 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(142, 172, 135) }
```


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

```
.border{ border-color:rgb(142, 172, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 172, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 172, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 172, 135);  
box-shadow:4px 4px 4px 4px rgb(142, 172,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2810, 37.0051, 28.4684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 172, 135) }
```

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

```
.background{ background-color: rgb(142,  
172, 135) }
```

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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