

Converting Colors

XYZ(30.2793, 36.6846, 30.2952)

Have a look what the booklet for
XYZ(30.2793, 36.6846, 30.2952)
contains.

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Color

**XYZ(30.2810, 36.6820,
30.2953)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAB8C
RGB	141, 171, 140
RGB Percent	55%, 67%, 55%
CMY	0.4471, 0.3294, 0.4510
CMYK	0.18, 0.00, 0.18, 0.33
HSL	118°, 16%, 61%
HSV	118°, 18%, 67%
XYZ	30.2810, 36.6820, 30.2953
YIQ	158.4960, -7.9290, -16.0010

Conversions

Conversions Part 2

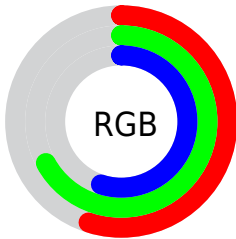
Format	Color
RYB	140, 171, 170
Decimal	9284492
CIELab	67.04, -16.43, 12.60
CIELCh	67, 20.705, 142.512
Yxy	36.6820, 0.3113, 0.3772
Android (android.graphics.Color)	4287474572 (0xFF8DAB8C)
YUV	158.4960, -9.1185, -15.3440
Hunter-Lab	60.5657, -16.7453, 12.7388

Details

The XYZ color **30.2810, 36.6820, 30.2953** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **33.3079, 30.2436, 42.6121**, and the grayscale version is **32.7683, 34.4748, 37.5431**.

A 20% lighter version of the original color is **59.4396, 69.8899, 61.3962**, and **12.6587, 16.1055, 12.1143** is the 20% darker color. If you saturate the color by 10%, you get **26.5102, 34.8737, 24.0405**, and if you desaturate by 10%, it is **34.6703, 38.7886, 37.6035**.

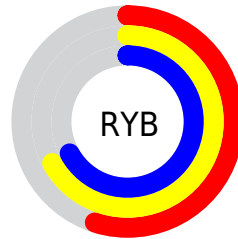
Distribution



Red (55%)

Green (67%)

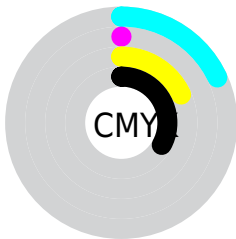
Blue (55%)



Red (55%)

Yellow (67%)

Blue (67%)

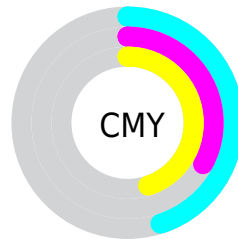


Cyan (18%)

Magenta (0%)

Yellow (18%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2810, 36.6820, 30.2953 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, 36.6820, 30.2953 by changing the saturation by 10% instead.

■ 30.2810, 36.6820,
30.2953

■ 30.2810, 36.6820,
30.2953

295.0984,
331.9317, 317.5285

■ 20.2011, 24.9614,
19.8089

■ 59.4899, 70.0834,
61.1954

■ 12.6504, 16.0483,
12.0735

■ 79.3495, 92.5330,
82.4461

■ 7.2636, 9.5583,
6.6706

■ 103.1999,
119.3277, 108.1221

■ 3.6753, 5.1071,
3.1817

131.4062,
150.8519, 138.6417

■ 1.5201, 2.3102,
1.1881

164.3338,
187.4900, 174.4237

■ 0.3395, 0.7791,
0.0000

202.3482,

■ 0.0000, 0.0000,

229.6264, 215.8864

0.0000

245.8146,
277.6455, 263.4485

■ 30.2810, 36.6820,
30.2953

■ 30.2810, 36.6820,
30.2953

■ 26.5102, 34.8737,
24.0405

■ 34.6703, 38.7886,
37.6035

■ 23.3272, 33.3458,
18.7883

■ 39.7010, 41.2012,
46.0080

■ 20.7035, 32.0857,
14.4873

■ 45.3985, 43.9331,
55.5522

■ 18.6066, 31.0779,
11.0806

■ 51.7859, 46.9951,
66.2764

■ 17.0010, 30.3055,
8.5054

■ 58.8852, 50.3980,
78.2189

■ 15.8467, 29.7494,
6.6903

■ 66.7174, 54.1516,
91.4166

■ 15.0973, 29.3875,
5.5525

■ 73.8536, 57.6073,
101.8345

■ 14.6889, 29.1898,
4.9519

■ 14.6326, 29.1629,
4.8578

Harmonies

Analogous

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



32.5994, 36.6820, 25.9756



30.2810, 36.6820, 30.2953



29.2035, 36.6820, 37.7246

Triad

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



30.2810, 36.6820, 30.2953



34.0826, 36.6820, 59.7028



40.7588, 36.6820, 33.6662

Complementary

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



30.2810, 36.6820, 30.2953



33.3079, 30.2436, 42.6121

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.



41.2149, 36.6820, 42.2415



30.2810, 36.6820, 30.2953



37.2335, 36.6820, 58.1827

Square

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



30.2810, 36.6820, 30.2953



31.3108, 36.6820, 55.3289



39.8900, 36.6820, 51.4421



38.6787, 36.6820, 27.7079

Rectangle

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



30.2810, 36.6820, 30.2953



29.2854, 36.6820, 43.8136



39.8900, 36.6820, 51.4421



41.1120, 36.6820, 36.3026

Sweetspot

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



30.2820, 36.6836, 30.2961



64.7059, 70.7198, 71.7087



35.8984, 39.2903, 30.5032



14.2967, 15.7070, 15.7693



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, 36.6836, 30.2961



51.2216, 64.2513, 49.2591



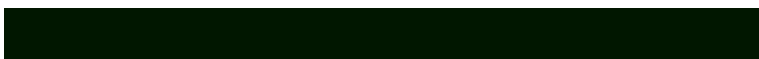
31.2510, 37.0516, 36.2817



7.9275, 8.9512, 8.5233



11.0390, 21.9879, 3.6623



0.3147, 0.6156, 0.1022

Inverse Universe

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



33.3079, 30.2436, 42.6121



57.7157, 50.4284, 75.6936



32.2200, 29.8335, 35.7513



8.3112, 8.1347, 10.0848



17.3246, 8.2911, 29.7317



0.4897, 0.2346, 0.8275

Previews

White Background



This preview shows how the XYZ color 30.2810, 36.6820, 30.2953 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, 36.6820, 30.2953 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, 36.6820, 30.2953

Background



This preview shows how black text looks on a background with the XYZ color 30.2810, 36.6820, 30.2953.



This preview shows how white text looks on a background with the XYZ color 30.2810, 36.6820,

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, 36.6820, 30.2953

Protanopia

34.3775, 36.3889, 28.5044

Deuteranopia

37.2646, 36.5362, 31.0747



Tritanopia

33.9856, 36.8230, 47.9641

Trichromacy



Original Color

30.2810, 36.6820, 30.2953

Protanomaly

32.6684, 36.2935, 28.9504

Deuteranomaly

34.3804, 36.3397, 30.7934

Tritanomaly

32.4712, 36.7416, 40.9777

Monochromacy



Original Color

30.2810, 36.6820, 30.2953

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.6320, 35.1042, 34.3868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2810, 36.6820, 30.2953 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(141, 171, 140)` looks like.

```
.text, #text, p{  
    color:rgb(141, 171, 140)  
}
```

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(141, 171, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 171, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.2810, 36.6820, 30.2953 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(141, 171, 140) }
```


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

```
.border{ border-color:rgb(141, 171, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 171, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 171, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 171, 140);  
box-shadow:4px 4px 4px 4px rgb(141, 171,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2810, 36.6820, 30.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 171, 140) }
```

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

```
.background{ background-color: rgb(141,  
171, 140) }
```

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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