

Converting Colors

XYZ(29.3960, 37.6808, 26.9078)

Have a look what the booklet for
XYZ(29.3960, 37.6808, 26.9078)
contains.

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Color

**XYZ(29.3861, 37.7307,
26.8530)**

Conversions

Conversions Part 1

Format	Color
Hex	86B082
RGB	134, 176, 130
RGB Percent	53%, 69%, 51%
CMY	0.4745, 0.3098, 0.4902
CMYK	0.24, 0.00, 0.26, 0.31
HSL	115°, 23%, 60%
HSV	115°, 26%, 69%
XYZ	29.3861, 37.7307, 26.8530
YIQ	158.1980, -10.2660, -23.2100

Conversions

Conversions Part 2

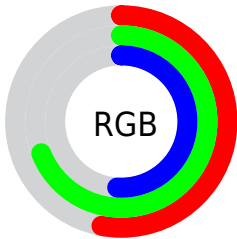
Format	Color
RYB	130, 176, 172
Decimal	8827010
CIELab	67.82, -23.21, 19.10
CIELCh	68, 30.054, 140.546
Yxy	37.7307, 0.3127, 0.4015
Android (android.graphics.Color)	4287017090 (0xFF86B082)
YUV	158.1980, -13.9016, -21.2216
Hunter-Lab	61.4253, -22.0993, 17.0782

Details

The XYZ color **29.3861, 37.7307, 26.8530** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.8339, 27.8716, 44.7255**, and the grayscale version is **32.6545, 34.3551, 37.4127**.

A 20% lighter version of the original color is **58.1429, 71.8235, 55.5986**, and **12.0982, 16.5841, 10.1528** is the 20% darker color. If you saturate the color by 10%, you get **25.9349, 36.0777, 21.0434**, and if you desaturate by 10%, it is **33.4307, 39.6685, 33.7468**.

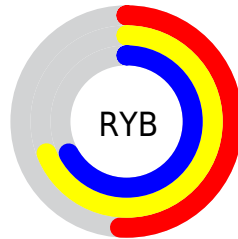
Distribution



Red (53%)

Green (69%)

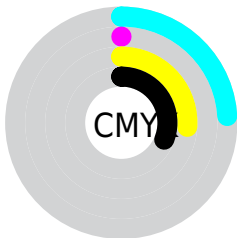
Blue (51%)



Red (51%)

Yellow (69%)

Blue (67%)

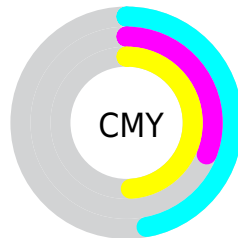


Cyan (24%)

Magenta (0%)

Yellow (26%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3861, 37.7307, 26.8530 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 29.3861, 37.7307, 26.8530 by changing the saturation by 10% instead.

■ 29.3861, 37.7307,
26.8530

■ 29.3861, 37.7307,
26.8530

290.9938,
336.4633, 300.6823

■ 19.5188, 25.7737,
17.2314

■ 58.0833, 71.6952,
55.6488

■ 12.1520, 16.6545,
10.2359

■ 77.6439, 94.4715,
75.6600

■ 6.9202, 9.9884,
5.4480

■ 101.1664,
121.6231, 99.9715

■ 3.4581, 5.3913,
2.4491

129.0161,
153.5343, 129.0018

■ 1.4004, 2.4786,
0.8130

161.5583,
190.5895, 163.1696

■ 0.2565, 0.8659,
0.0000

199.1584,

■ 0.0000, 0.0000,

233.1732, 202.8932

0.0000

242.1818,
281.6696, 248.5912

■ 29.3861, 37.7307,
26.8530

■ 29.3861, 37.7307,
26.8530

■ 25.9349, 36.0777,
21.0434

■ 33.4307, 39.6685,
33.7468

■ 23.0463, 34.6914,
16.2605

■ 38.0916, 41.8984,
41.7735

■ 20.6912, 33.5593,
12.4454

■ 43.3942, 44.4337,
50.9816

■ 18.8368, 32.6659,
9.5321

■ 49.3617, 47.2853,
61.4162

■ 17.4466, 31.9939,
7.4464

■ 56.0159, 50.4635,
73.1201

■ 16.4790, 31.5239,
6.1023

■ 63.3778, 53.9783,
86.1339

■ 15.8835, 31.2321,
5.3865

■ 71.4674, 57.8391,
100.4965

■ 15.7280, 31.1563,
5.1848

■ 74.8161, 59.5322,
102.1554

Harmonies

Analogous

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



32.8118, 37.7307, 21.4526



29.3861, 37.7307, 26.8530



27.7387, 37.7307, 37.0148

Triad

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



29.3861, 37.7307, 26.8530



34.4120, 37.7307, 71.9053



44.9116, 37.7307, 32.7275

Complementary

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



29.3861, 37.7307, 26.8530



32.8339, 27.8716, 44.7255

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.



45.4338, 37.7307, 45.4375



29.3861, 37.7307, 26.8530



39.0954, 37.7307, 70.0589

Square

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



29.3861, 37.7307, 26.8530



30.4703, 37.7307, 64.2202



43.2254, 37.7307, 59.6161



41.8547, 37.7307, 24.2999

Rectangle

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



29.3861, 37.7307, 26.8530



27.7636, 37.7307, 45.9543



43.2254, 37.7307, 59.6161



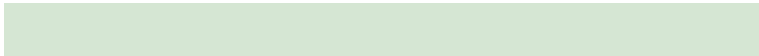
45.3991, 37.7307, 36.5675

Sweetspot

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



29.3871, 37.7323, 26.8538



67.2974, 75.1326, 72.6752



36.5740, 40.1208, 26.9361



14.3049, 16.1487, 15.2675



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.3871, 37.7323, 26.8538



49.7816, 66.7467, 42.7678



30.1095, 37.9490, 33.9222



8.4552, 9.5242, 9.0453



11.5617, 22.8703, 3.8051



0.3862, 0.7311, 0.1208

Inverse Universe

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



32.8339, 27.8716, 44.7255



57.0289, 45.9982, 80.3681



32.0256, 27.6512, 35.8181



8.7757, 8.6084, 10.7054



16.5143, 7.8492, 30.7816



0.5408, 0.2579, 0.9695

Previews

White Background



This preview shows how the XYZ color 29.3861, 37.7307, 26.8530 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 29.3861, 37.7307, 26.8530 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 29.3861, 37.7307, 26.8530

Background



This preview shows how black text looks on a background with the XYZ color 29.3861, 37.7307, 26.8530.



This preview shows how white text looks on a background with the XYZ color 29.3861, 37.7307,

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

29.3861, 37.7307, 26.8530

Protanopia

35.0613, 37.6210, 24.8157

Deuteranopia

38.0158, 37.2513, 27.7408



Tritanopia

34.0629, 37.6345, 50.2686

Trichromacy



Original Color

29.3861, 37.7307, 26.8530

Protanomaly

32.7167, 37.4853, 25.5897

Deuteranomaly

34.2663, 37.1498, 27.5549

Tritanomaly

32.2686, 37.7608, 40.7098

Monochromacy



Original Color

29.3861, 37.7307, 26.8530

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.1949, 35.4379, 33.2130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3861, 37.7307, 26.8530 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, 176, 130)` looks like.

```
.text, #text, p{  
    color:rgb(134, 176, 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(134, 176, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 176, 130) }
```

Border

The CSS property to change the border of an element to XYZ 29.3861, 37.7307, 26.8530 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, 176, 130) }
```


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

```
.border{ border-color:rgb(134, 176, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 176, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 176, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 176, 130);  
box-shadow:4px 4px 4px 4px rgb(134, 176,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3861, 37.7307, 26.8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 176, 130) }
```

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

```
.background{ background-color: rgb(134,  
176, 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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