

Converting Colors

XYZ(36.5161, 30.3211, 37.2141)

Have a look what the booklet for
XYZ(36.5161, 30.3211, 37.2141)
contains.

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Color

**XYZ(36.5887, 30.3780,
37.1928)**

Conversions

Conversions Part 1

Format	Color
Hex	C184A0
RGB	193, 132, 160
RGB Percent	76%, 52%, 63%
CMY	0.2431, 0.4823, 0.3725
CMYK	0.00, 0.32, 0.17, 0.24
HSL	332°, 33%, 64%
HSV	332°, 32%, 76%
XYZ	36.5887, 30.3780, 37.1928
YIQ	153.4310, 27.3680, 21.6400

Conversions

Conversions Part 2

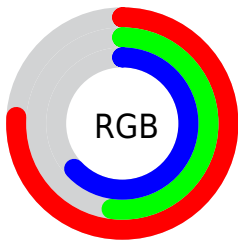
Format	Color
RYB	193, 132, 160
Decimal	12682400
CIELab	61.98, 27.61, -5.36
CIElCh	62, 28.124, 349.012
Yxy	30.3780, 0.3513, 0.2916
Android (android.graphics.Color)	4290872480 (0xFFC184A0)
YUV	153.4310, 3.2385, 34.7020
Hunter-Lab	55.1162, 22.0431, -1.4279

Details

The XYZ color **36.5887, 30.3780, 37.1928** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.3784, 45.7628, 42.5678**, and the grayscale version is **30.4448, 32.0303, 34.8809**.

A 20% lighter version of the original color is **69.2490, 60.3481, 72.2885**, and **16.2588, 12.5420, 16.0319** is the 20% darker color. If you saturate the color by 10%, you get **33.3343, 25.2698, 31.7891**, and if you desaturate by 10%, it is **40.4058, 36.4880, 43.1633**.

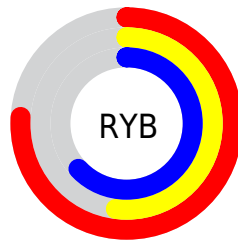
Distribution



Red (76%)

Green (52%)

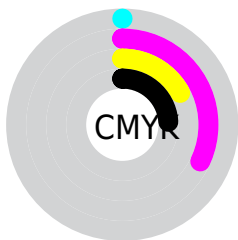
Blue (63%)



Red (76%)

Yellow (52%)

Blue (63%)

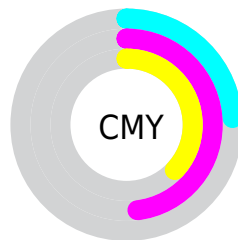


Cyan (0%)

Magenta (32%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (48%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5887, 30.3780, 37.1928 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 36.5887, 30.3780, 37.1928 by changing the saturation by 10% instead.


 36.5887, 30.3780,
37.1928


 36.5887, 30.3780,
37.1928


322.9129,
303.6624, 349.3383


 25.0614, 20.1257,
25.0598


 69.2577, 60.2595,
72.0589

 16.2518, 12.4864,
15.9022

 91.1301, 80.6574,
95.6290

 9.7945, 7.0759,
9.3014


 117.1816,
105.2059, 123.8487

 5.3241, 3.5096,
4.8388

147.7776,
134.2896, 157.1364

 2.4754, 1.4032,
2.0959

183.2833,
168.2926, 195.9107

 0.8829, 0.2191,
0.6133

224.0642,

 0.0000, 0.0000,

207.5995, 240.5900

0.0000

270.4856,
252.5947, 291.5931

■ 36.5887, 30.3780,
37.1928

■ 36.5887, 30.3780,
37.1928

■ 33.3343, 25.2698,
31.7891

■ 40.4058, 36.4880,
43.1633

■ 30.6112, 21.1050,
26.9315

■ 44.8094, 43.6457,
49.7165

■ 28.3891, 17.8254,
22.6005


■ 49.8251, 51.8991,
56.8698

■ 26.6333, 15.3649,
18.7747


■ 55.4763, 61.2923,
64.6394


■ 25.3042, 13.6478,
15.4302


■ 61.7850, 71.8665,
73.0408


 24.3549, 12.5838,
12.5406

 68.7721, 83.6613,
82.0888

 23.7782, 12.0518,
10.4329

 72.4736, 88.7460,
90.4697

 74.0108, 89.3609,
98.5648

 75.6379, 90.0117,
107.1327

Harmonies

Analogous

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



34.6971, 30.3780, 48.6446



36.5887, 30.3780, 37.1928



36.2822, 30.3780, 26.7649

Triad

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



36.5887, 30.3780, 37.1928



26.5761, 30.3780, 17.0770



24.3756, 30.3780, 51.3491

Complementary

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



36.5887, 30.3780, 37.1928



35.3784, 45.7628, 42.5678

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.



22.5487, 30.3780, 40.3096



36.5887, 30.3780, 37.1928



23.7407, 30.3780, 21.2443

Square

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



36.5887, 30.3780, 37.1928



30.2770, 30.3780, 16.5978



22.3269, 30.3780, 29.2757



27.5138, 30.3780, 57.9237

Rectangle

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



36.5887, 30.3780, 37.1928



34.8791, 30.3780, 21.6553



22.3269, 30.3780, 29.2757



23.5999, 30.3780, 47.9387

Sweetspot

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



36.5896, 30.3794, 37.1934



82.3629, 81.6250, 92.0969



33.2982, 28.3037, 54.1605



17.3982, 17.0665, 19.3657



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.5896, 30.3794, 37.1934



61.3532, 47.8290, 59.7419



34.6879, 30.0642, 25.8062



10.2612, 10.1531, 11.4658



15.8547, 8.0316, 7.1467



0.7198, 0.3609, 0.4918

Inverse Universe

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



36.5896, 30.3794, 37.1934



61.3532, 47.8290, 59.7419



37.7658, 46.0035, 57.3415



10.2612, 10.1531, 11.4658



15.8547, 8.0316, 7.1467



0.7198, 0.3609, 0.4918

Previews

White Background



This preview shows how the XYZ color 36.5887, 30.3780, 37.1928 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 36.5887, 30.3780, 37.1928 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 36.5887, 30.3780, 37.1928

Background



This preview shows how black text looks on a background with the XYZ color 36.5887, 30.3780, 37.1928.



This preview shows how white text looks on a background with the XYZ color 36.5887, 30.3780,

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

36.5887, 30.3780, 37.1928

Protanopia

30.1308, 30.6382, 42.8538

Deuteranopia

31.1484, 30.6035, 36.6131



Tritanopia

35.2607, 30.4486, 30.8068

Trichromacy



Original Color

36.5887, 30.3780, 37.1928

Protanomaly

32.1074, 30.3275, 40.7208

Deuteranomaly

33.0165, 30.4372, 36.9357

Tritanomaly

35.7683, 30.4587, 32.8481

Monochromacy



Original Color

36.5887, 30.3780, 37.1928

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.2746, 30.9759, 35.7304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5887, 30.3780, 37.1928 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(193, 132, 160)` looks like.

```
.text, #text, p{  
    color:rgb(193, 132, 160)  
}
```

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(193, 132, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 132, 160) }
```

Border

The CSS property to change the border of an element to XYZ 36.5887, 30.3780, 37.1928 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(193, 132, 160) }
```


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

```
.border{ border-color:rgb(193, 132, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 132, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 132, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 132, 160);  
box-shadow:4px 4px 4px 4px rgb(193, 132,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5887, 30.3780, 37.1928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 132, 160) }
```

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

```
.background{ background-color: rgb(193,  
132, 160) }
```

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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