

Converting Colors

XYZ(39.4005, 30.6547, 37.0375)

Have a look what the booklet for
XYZ(39.4005, 30.6547, 37.0375)
contains.

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Color

**XYZ(39.5381, 30.7252,
37.1044)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7EA0
RGB	207, 126, 160
RGB Percent	81%, 49%, 63%
CMY	0.1882, 0.5059, 0.3725
CMYK	0.00, 0.39, 0.23, 0.19
HSL	335°, 46%, 65%
HSV	335°, 39%, 81%
XYZ	39.5381, 30.7252, 37.1044
YIQ	154.0950, 37.3620, 27.7460

Conversions

Conversions Part 2

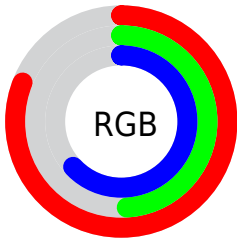
Format	Color
R_{YB}	207, 126, 160
Decimal	13598368
CIE _{Lab}	62.27, 35.85, -4.74
CIE _{LCh}	62, 36.166, 352.470
Yxy	30.7252, 0.3682, 0.2862
Android (android.graphics.Color)	4291788448 (0xFFCF7EA0)
YUV	154.0950, 2.9112, 46.3977
Hunter-Lab	55.4303, 30.3199, -0.8868

Details

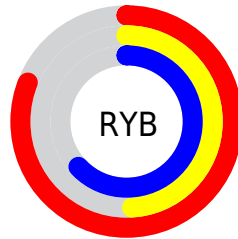
The XYZ color **39.5381, 30.7252, 37.1044** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.4612, 52.0791, 47.5628**, and the grayscale version is **30.7338, 32.3344, 35.2121**.

A 20% lighter version of the original color is **69.8270, 58.8088, 71.9609**, and **18.0389, 12.7156, 15.9716** is the 20% darker color. If you saturate the color by 10%, you get **36.1594, 25.5687, 31.0419**, and if you desaturate by 10%, it is **43.5678, 37.0205, 43.8855**.

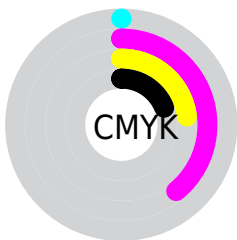
Distribution



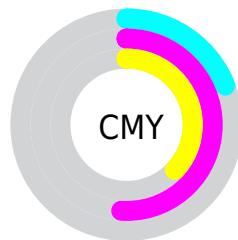
- Red (81%)
- Green (49%)
- Blue (63%)



- Red (81%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (19%)





- Cyan (19%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5381, 30.7252, 37.1044 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 39.5381, 30.7252, 37.1044 by changing the saturation by 10% instead.


 39.5381, 30.7252,
37.1044


 39.5381, 30.7252,
37.1044

335.3408,
305.2703, 348.9446


 27.3612, 20.3897,
24.9919


 73.7485, 60.8072,
71.9214

 17.9827, 12.6786,
15.8521


 96.5126, 81.3224,
95.4631

 11.0372, 7.2076,
9.2663


 123.5366,
105.9997, 123.6515

 6.1593, 3.5923,
4.8161

155.1857,
135.2234, 156.9053

 2.9838, 1.4482,
2.0829

191.8253,
169.3779, 195.6429

 1.1452, 0.2519,
0.6056

233.8208,

 0.0624, 0.0000,

208.8476, 240.2830

0.0000

281.5375,
254.0170, 291.2441

■ 0.0000, 0.0000,
0.0000

■ 39.5381, 30.7252,
37.1044

■ 39.5381, 30.7252,
37.1044

■ 36.1594, 25.5687,
31.0419

■ 43.5678, 37.0205,
43.8855

■ 33.3920, 21.4774,
25.6697

■ 48.2796, 44.5134,
51.4081

■ 31.1962, 18.3759,
20.9601

■ 53.7059, 53.2642,
59.6965

■ 29.5256, 16.1770,
16.8821

■ 59.8760, 63.3275,
68.7730

■ 28.3263, 14.7777,
13.4013

■ 66.8178, 74.7548,
78.6590

■ 27.5103, 14.0080,
10.4713

■ 74.5574, 87.5948,
89.3750

■ 27.4477, 13.9516,
10.2380

■ 77.8339, 91.3221,
99.1788

■ 79.5422, 92.0054,
108.1742

Harmonies

Analogous

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



37.3020, 30.7252, 52.6592



39.5381, 30.7252, 37.1044



38.7697, 30.7252, 24.1919

Triad

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



39.5381, 30.7252, 37.1044



25.7591, 30.7252, 14.2473



23.8479, 30.7252, 59.6379

Complementary

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



39.5381, 30.7252, 37.1044



38.4612, 52.0791, 47.5628

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.



21.3563, 30.7252, 44.8229



39.5381, 30.7252, 37.1044



22.3710, 30.7252, 19.5993

Square

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



39.5381, 30.7252, 37.1044



30.4515, 30.7252, 13.2472



20.8475, 30.7252, 30.0522



27.9899, 30.7252, 67.8297

Rectangle

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



39.5381, 30.7252, 37.1044



36.6929, 30.7252, 18.3821



20.8475, 30.7252, 30.0522



22.8094, 30.7252, 55.0988

Sweetspot

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



39.5390, 30.7267, 37.1050



83.3250, 80.9152, 91.5339



35.7159, 28.1878, 62.5899



17.5845, 16.9147, 19.2115



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.5390, 30.7267, 37.1050



58.7299, 42.1518, 51.1912



37.6693, 31.1136, 23.7607



12.0116, 11.8894, 13.3371



17.3382, 8.8081, 6.6870



1.0087, 0.5082, 0.5804

Inverse Universe

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



39.5390, 30.7267, 37.1050



58.7299, 42.1518, 51.1912



40.8944, 50.9949, 66.7192



12.0116, 11.8894, 13.3371



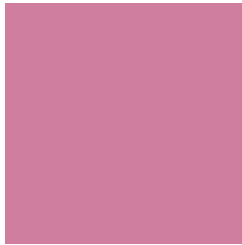
17.3382, 8.8081, 6.6870



1.0087, 0.5082, 0.5804

Previews

White Background



This preview shows how the XYZ color 39.5381, 30.7252, 37.1044 looks on a white background.

Color Contrast Check

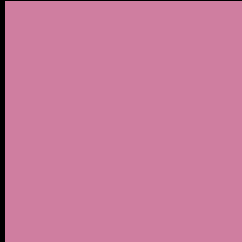
Large Text (above 18pt) WCAG AA × Fail

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 39.5381, 30.7252, 37.1044 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 39.5381, 30.7252, 37.1044

Background



This preview shows how black text looks on a background with the XYZ color 39.5381, 30.7252, 37.1044.



This preview shows how white text looks on a background with the XYZ color 39.5381, 30.7252,

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

39.5381, 30.7252, 37.1044

Protanopia

30.4983, 31.0188, 44.9372

Deuteranopia

31.3839, 30.7446, 35.7327



Tritanopia

37.8197, 30.8085, 28.3794

Trichromacy



Original Color

39.5381, 30.7252, 37.1044

Protanomaly

32.9290, 30.2769, 42.1387

Deuteranomaly

33.9088, 30.4833, 35.9950

Tritanomaly

38.5703, 30.9289, 31.5408

Monochromacy



Original Color

39.5381, 30.7252, 37.1044

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.2076, 31.2311, 35.7305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5381, 30.7252, 37.1044 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(207, 126, 160)` looks like.

```
.text, #text, p{  
    color:rgb(207, 126, 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(207, 126, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 126, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.5381, 30.7252, 37.1044 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(207, 126, 160) }
```


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

```
.border{ border-color:rgb(207, 126, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 126, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 126, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 126, 160);  
box-shadow:4px 4px 4px 4px rgb(207, 126,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5381, 30.7252, 37.1044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 126, 160) }
```

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

```
.background{ background-color: rgb(207,  
126, 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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