

Converting Colors

XYZ(37.9048, 26.1612, 29.4337)

Have a look what the booklet for
XYZ(37.9048, 26.1612, 29.4337)
contains.

XYZ(37.9086, 26.1612, 29.4372)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.9086, 26.1612,
29.4372)**

Conversions

Conversions Part 1

Format	Color
Hex	D76790
RGB	215, 103, 144
RGB Percent	84%, 40%, 56%
CMY	0.1569, 0.5961, 0.4353
CMYK	0.00, 0.52, 0.33, 0.16
HSL	338°, 58%, 62%
HSV	338°, 52%, 84%
XYZ	37.9086, 26.1612, 29.4372
YIQ	141.1620, 53.5910, 36.4950

Conversions

Conversions Part 2

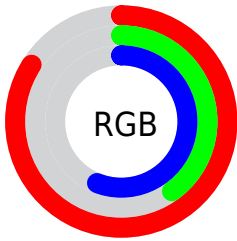
Format	Color
R _Y B	215, 103, 144
Decimal	14116752
CIE Lab	58.19, 48.26, -1.41
CIE LCh	58, 48.284, 358.327
Yxy	26.1612, 0.4054, 0.2798
Android (android.graphics.Color)	4292306832 (0xFFD76790)
YUV	141.1620, 1.3991, 64.7559
Hunter-Lab	51.1480, 42.7871, 1.6805

Details

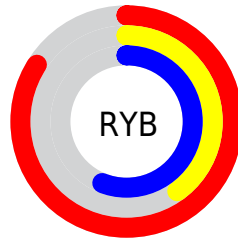
The XYZ color **37.9086, 26.1612, 29.4372** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.5353, 54.5410, 48.5966**, and the grayscale version is **25.3618, 26.6826, 29.0573**.

A 20% lighter version of the original color is **63.4900, 49.4512, 59.6248**, and **17.0233, 10.1729, 11.6560** is the 20% darker color. If you saturate the color by 10%, you get **35.0587, 22.0292, 23.6540**, and if you desaturate by 10%, it is **41.4355, 31.4456, 36.0671**.

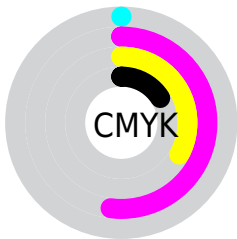
Distribution



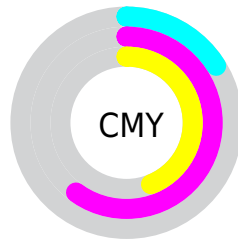
- Red (84%)
- Green (40%)
- Blue (56%)



- Red (84%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (52%)
- Yellow (33%)
- Black (16%)





- Cyan (16%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9086, 26.1612, 29.4372 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 37.9086, 26.1612, 29.4372 by changing the saturation by 10% instead.


 37.9086, 26.1612,
29.4372


 37.9086, 26.1612,
29.4372

328.5154,
283.5725, 313.3975

 26.0886, 16.9443,
19.1634


 71.2728, 53.5349,
59.8214


 17.0230, 10.1948,
11.6104


 93.5478, 72.4604,
80.7689

 10.3463, 5.5283,
6.3597


 120.0385, 95.3910,
106.1114

 5.6932, 2.5604,
2.9927

 151.1103,
122.7109, 136.2674

 2.6983, 0.9068,
1.0909

187.1285,
154.8047, 171.6555

 0.9963, 0.0000,
0.0000

228.4585,

 0.0000, 0.0000,

192.0566, 212.6942

0.0000

275.4657,
234.8510, 259.8020

■ 37.9086, 26.1612,
29.4372

■ 37.9086, 26.1612,
29.4372

■ 35.0587, 22.0292,
23.6540

■ 41.4355, 31.4456,
36.0671

■ 32.8362, 18.9577,
18.6783

■ 45.6798, 37.9571,
43.5775

■ 31.1875, 16.8474,
14.4691

■ 50.6815, 45.7687,
52.0017

■ 30.0483, 15.5775,
10.9803

■ 56.4766, 54.9464,
61.3709

■ 29.4247, 15.0072,
8.6856

■ 63.0990, 65.5519,
71.7146

■ 70.5803, 77.6430,
83.0610

■ 78.9506, 91.2743,
95.4371

■ 81.5206, 93.0616,
106.6295

■ 81.8343, 93.1871,
108.2815

Harmonies

Analogous

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



35.7357, 26.1612, 49.0011



37.9086, 26.1612, 29.4372



36.1561, 26.1612, 15.7568

Triad

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



37.9086, 26.1612, 29.4372



19.8947, 26.1612, 8.4804



19.4079, 26.1612, 65.7016

Complementary

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



37.9086, 26.1612, 29.4372



37.5353, 54.5410, 48.5966

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.



16.2102, 26.1612, 46.6965



37.9086, 26.1612, 29.4372



16.4587, 26.1612, 14.6830

Square

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



37.9086, 26.1612, 29.4372



25.1957, 26.1612, 6.8774



15.2207, 26.1612, 27.5538



24.5381, 26.1612, 74.4246

Rectangle

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



37.9086, 26.1612, 29.4372



33.1311, 26.1612, 10.5456



15.2207, 26.1612, 27.5538



18.1034, 26.1612, 60.0118

Sweetspot

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



37.9093, 26.1625, 29.4377



79.4989, 75.1191, 84.5366



34.5579, 23.5994, 67.0237



16.6373, 15.4788, 17.4817



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.



37.9093, 26.1625, 29.4377



51.0364, 31.6328, 33.6197



36.9441, 28.3690, 16.3623



12.6093, 12.4952, 13.8827



17.6463, 8.9948, 5.4413



1.1035, 0.5582, 0.5346

Inverse Universe

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



37.9093, 26.1625, 29.4377



51.0364, 31.6328, 33.6197



38.5299, 49.1301, 71.7423



12.6093, 12.4952, 13.8827



17.6463, 8.9948, 5.4413



1.1035, 0.5582, 0.5346

Previews

White Background



This preview shows how the XYZ color 37.9086, 26.1612, 29.4372 looks on a white background.

Color Contrast Check

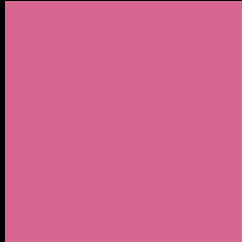
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9086, 26.1612, 29.4372 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 × Fail

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

XYZ 37.9086, 26.1612, 29.4372

Background



This preview shows how black text looks on a background with the XYZ color 37.9086, 26.1612, 29.4372.



This preview shows how white text looks on a background with the XYZ color 37.9086, 26.1612,

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

37.9086, 26.1612, 29.4372

Protanopia

26.1072, 26.3693, 39.7902

Deuteranopia

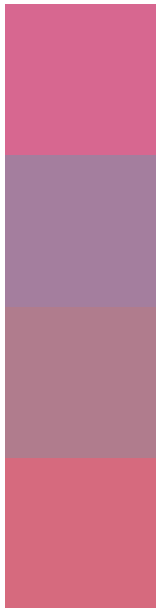
26.7908, 26.3424, 28.0987



Tritanopia

35.9555, 26.1322, 19.6720

Trichromacy



Original Color

37.9086, 26.1612, 29.4372

Protanomaly

28.9423, 25.2828, 35.7024

Deuteranomaly

29.9199, 25.5685, 28.5576

Tritanomaly

36.6515, 26.1106, 22.8468

Monochromacy



Original Color

37.9086, 26.1612, 29.4372

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.6203, 25.4566, 28.9963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9086, 26.1612, 29.4372 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(215, 103, 144)` looks like.

```
.text, #text, p{  
    color:rgb(215, 103, 144)  
}
```

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(215, 103, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 103, 144) }
```

Border

The CSS property to change the border of an element to XYZ 37.9086, 26.1612, 29.4372 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(215, 103, 144) }
```


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

```
.border{ border-color:rgb(215, 103, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 103, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 103, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 103, 144);  
box-shadow:4px 4px 4px 4px rgb(215, 103,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9086, 26.1612, 29.4372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 103, 144) }
```

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

```
.background{ background-color: rgb(215,  
103, 144) }
```

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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