

Converting Colors

XYZ(37.0620, 25.8824, 30.4375)

Have a look what the booklet for
XYZ(37.0620, 25.8824, 30.4375)
contains.

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Color

**XYZ(37.0026, 25.8248,
30.2286)**

Conversions

Conversions Part 1

Format	Color
Hex	D36892
RGB	211, 104, 146
RGB Percent	83%, 41%, 57%
CMY	0.1725, 0.5921, 0.4274
CMYK	0.00, 0.51, 0.31, 0.17
HSL	336°, 55%, 62%
HSV	336°, 51%, 83%
XYZ	37.0026, 25.8248, 30.2286
YIQ	140.7810, 50.2900, 35.7460

Conversions

Conversions Part 2

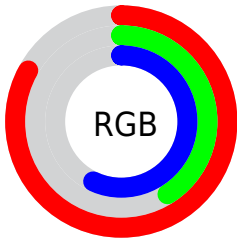
Format	Color
R _Y B	211, 104, 146
Decimal	13854866
CIE Lab	57.87, 46.68, -3.11
CIE LCh	58, 46.788, 356.190
Yxy	25.8248, 0.3976, 0.2775
Android (android.graphics.Color)	4292044946 (0xFFD36892)
YUV	140.7810, 2.5730, 61.5821
Hunter-Lab	50.8181, 41.0410, 0.3047

Details

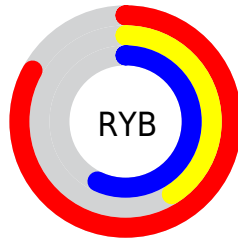
The XYZ color **37.0026, 25.8248, 30.2286** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.1659, 52.3969, 45.7463**, and the grayscale version is **25.2089, 26.5218, 28.8822**.

A 20% lighter version of the original color is **63.8922, 49.8839, 60.9046**, and **16.4320, 9.9845, 12.1275** is the 20% darker color. If you saturate the color by 10%, you get **34.1964, 21.7195, 24.6464**, and if you desaturate by 10%, it is **40.4534, 31.0399, 36.5778**.

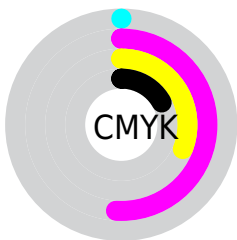
Distribution



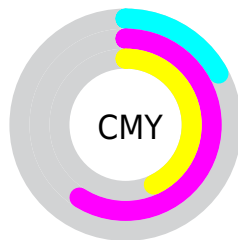
- Red (83%)
- Green (41%)
- Blue (57%)



- Red (83%)
- Yellow (41%)
- Blue (57%)



- Cyan (0%)
- Magenta (51%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (59%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0026, 25.8248, 30.2286 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 37.0026, 25.8248, 30.2286 by changing the saturation by 10% instead.


 37.0026, 25.8248,
30.2286


 37.0026, 25.8248,
30.2286


324.6771,
281.9210, 317.2090

 25.3832, 16.6926,
19.7586


 69.8906, 52.9922,
61.0888


 16.4930, 10.0156,
12.0374

 91.8899, 71.7961,
82.3161

 9.9668, 5.4093,
6.6463


 118.0798, 94.5928,
107.9663

 5.4390, 2.4894,
3.1668

 148.8258,
121.7667, 138.4578

 2.5445, 0.8713,
1.1804

184.4932,
153.7020, 174.2093

 0.9177, 0.0000,
0.0000

225.4473,

 0.0000, 0.0000,

190.7832, 215.6393

0.0000

272.0535,
233.3947, 263.1664

■ 37.0026, 25.8248,
30.2286

■ 37.0026, 25.8248,
30.2286

■ 34.1964, 21.7195,
24.6464

■ 40.4534, 31.0399,
36.5778

■ 31.9884, 18.6380,
19.7969

■ 44.5863, 37.4349,
43.7231

■ 30.3295, 16.4876,
15.6448

■ 49.4385, 45.0785,
51.6936

■ 29.1605, 15.1567,
12.1502

■ 55.0436, 54.0329,
60.5165

■ 28.4183, 14.4706,
9.4419

■ 61.4333, 64.3563,
70.2174

■ 68.6371, 76.1034,
80.8209

■ 76.6832, 89.3257,
92.3507

■ 79.6524, 92.1803,
102.8475

■ 80.6741, 92.5889,
108.2272

Harmonies

Analogous

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



34.6787, 25.8248, 49.1273



37.0026, 25.8248, 30.2286



35.5918, 25.8248, 16.5395

Triad

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



37.0026, 25.8248, 30.2286



20.0731, 25.8248, 8.4706



19.0036, 25.8248, 62.5262

Complementary

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



37.0026, 25.8248, 30.2286



36.1659, 52.3969, 45.7463

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.



16.0601, 25.8248, 44.1332



37.0026, 25.8248, 30.2286



16.6081, 25.8248, 14.1599

Square

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



37.0026, 25.8248, 30.2286



25.2717, 25.8248, 7.1473



15.2547, 25.8248, 26.1096



23.8337, 25.8248, 71.7580

Rectangle

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



37.0026, 25.8248, 30.2286



32.8242, 25.8248, 11.1604



15.2547, 25.8248, 26.1096



17.7912, 25.8248, 56.9341

Sweetspot

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



37.0033, 25.8261, 30.2291



80.5203, 76.5697, 86.7031



32.9004, 22.9521, 64.3244



16.8451, 15.7671, 17.9435



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.



37.0033, 25.8261, 30.2291



52.1338, 32.8249, 37.0768



35.4602, 27.0429, 16.4491



11.9981, 11.8840, 13.2660



17.1975, 8.7518, 5.9459



1.0001, 0.5048, 0.5355

Inverse Universe

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



37.0033, 25.8261, 30.2291



52.1338, 32.8249, 37.0768



38.1915, 49.0946, 69.0915



11.9981, 11.8840, 13.2660



17.1975, 8.7518, 5.9459



1.0001, 0.5048, 0.5355

Previews

White Background



This preview shows how the XYZ color 37.0026, 25.8248, 30.2286 looks on a white background.

Color Contrast Check

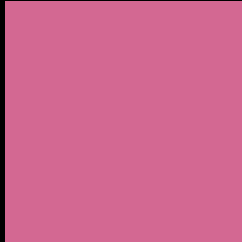
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0026, 25.8248, 30.2286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

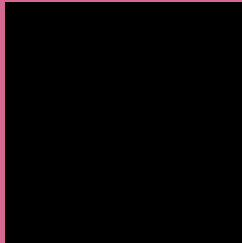
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.0026, 25.8248, 30.2286

Background



This preview shows how black text looks on a background with the XYZ color 37.0026, 25.8248, 30.2286.



This preview shows how white text looks on a background with the XYZ color 37.0026, 25.8248,

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

37.0026, 25.8248, 30.2286

Protanopia

25.8292, 25.9907, 40.7011

Deuteranopia

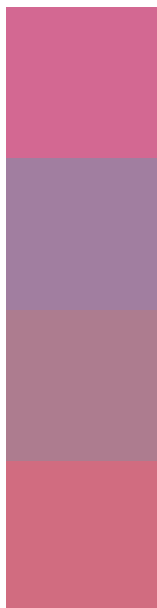
26.4206, 25.9264, 28.8111



Tritanopia

34.7992, 25.8461, 19.9843

Trichromacy



Original Color

37.0026, 25.8248, 30.2286

Protanomaly

28.5040, 25.0368, 36.5880

Deuteranomaly

29.3992, 25.2827, 29.3171

Tritanomaly

35.5533, 25.8389, 23.5356

Monochromacy



Original Color

37.0026, 25.8248, 30.2286

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.4030, 25.5285, 29.4171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0026, 25.8248, 30.2286 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(211, 104, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 104, 146)  
}
```

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(211, 104, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 104, 146) }
```

Border

The CSS property to change the border of an element to XYZ 37.0026, 25.8248, 30.2286 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(211, 104, 146) }
```


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

```
.border{ border-color:rgb(211, 104, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 104, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 104, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 104, 146);  
box-shadow:4px 4px 4px 4px rgb(211, 104,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0026, 25.8248, 30.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 104, 146) }
```

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

```
.background{ background-color: rgb(211,  
104, 146) }
```

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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