

Converting Colors

XYZ(37.0030, 19.3295, 46.0367)

Have a look what the booklet for
XYZ(37.0030, 19.3295, 46.0367)
contains.

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Color

**XYZ(37.0030, 19.3295,
46.0367)**

Conversions

Conversions Part 1

Format	Color
Hex	D62AB6
RGB	214, 42, 182
RGB Percent	84%, 16%, 71%
CMY	0.1608, 0.8352, 0.2863
CMYK	0.00, 0.80, 0.15, 0.16
HSL	311°, 68%, 50%
HSV	311°, 80%, 84%
XYZ	37.0030, 19.3295, 46.0367
YIQ	109.3880, 57.5720, 80.0040

Conversions

Conversions Part 2

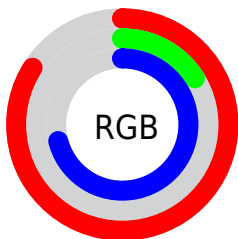
Format	Color
R_{YB}	214, 42, 182
Decimal	14035638
CIE _{Lab}	51.07, 76.00, -34.47
CIE _{LCh}	51, 83.448, 335.601
Yxy	19.3295, 0.3615, 0.1888
Android (android.graphics.Color)	4292225718 (0xFFD62AB6)
YUV	109.3880, 35.7977, 91.7447
Hunter-Lab	43.9653, 73.2935, -31.3076

Details

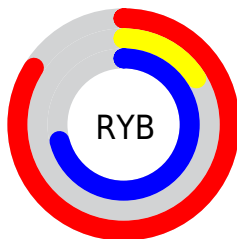
The XYZ color **37.0030, 19.3295, 46.0367** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **26.2385, 49.0805, 14.5714**, and the grayscale version is **14.5378, 15.2949, 16.6562**.

A 20% lighter version of the original color is **62.1413, 38.3703, 85.0199**, and **17.4800, 8.5535, 21.4986** is the 20% darker color. If you saturate the color by 10%, you get **36.0306, 18.0335, 43.7112**, and if you desaturate by 10%, it is **38.3932, 21.4415, 48.5595**.

Distribution



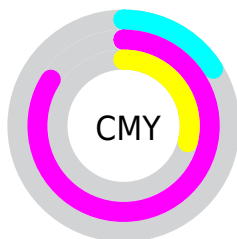
- Red (84%)
- Green (16%)
- Blue (71%)



- Red (84%)
- Yellow (16%)
- Blue (71%)



- Cyan (0%)
- Magenta (80%)
- Yellow (15%)
- Black (16%)





- Cyan (16%)
- Magenta (84%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0030, 19.3295, 46.0367 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 37.0030, 19.3295, 46.0367 by changing the saturation by 10% instead.


 37.0030, 19.3295,
46.0367


 37.0030, 19.3295,
46.0367


324.6788,
248.2618, 387.2380


 25.3835, 11.9086,
31.9259


 69.8912, 42.2901,
85.6088


 16.4933, 6.6815,
21.0406


 91.8906, 58.5987,
111.9072


 9.9669, 3.2637,
12.9621


 118.0807, 78.6386,
143.1051

 5.4391, 1.2709,
7.2720

 148.8268,
102.7942, 179.6213

 2.5445, 0.1185,
3.5518

 184.4943,
131.4499, 221.8741

 0.9178, 0.0000,
1.3828

225.4486,

 0.0000, 0.0000,

164.9901, 270.2821

0.1283

272.0550,
203.7993, 325.2639

■ 0.0000, 0.0000,
0.0000

■ 37.0030, 19.3295,
46.0367

■ 37.0030, 19.3295,
46.0367

■ 36.0306, 18.0335,
43.7112

■ 38.3932, 21.4415,
48.5595

■ 35.3896, 17.3594,
41.6237

■ 40.2558, 24.4799,
51.2979

■ 42.6392, 28.5408,
54.2685

■ 45.5851, 33.7076,
57.4857

■ 49.1311, 40.0552,
60.9625

■ 53.3113, 47.6517,
64.7108

■ 58.1573, 56.5602,
68.7414

■ 63.6986, 66.8396,
73.0647

■ 69.9628, 78.5450,
77.6903

Harmonies

Analogous

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



29.2769, 19.3295, 84.0828



37.0030, 19.3295, 46.0367



39.1897, 19.3295, 16.9055

Triad

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



37.0030, 19.3295, 46.0367



16.8627, 19.3295, 0.3498



8.2348, 19.3295, 60.2731

Complementary

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



37.0030, 19.3295, 46.0367



26.2385, 49.0805, 14.5714

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.



6.6516, 19.3295, 25.8139



37.0030, 19.3295, 46.0367



10.5798, 19.3295, 1.4853

Square

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



37.0030, 19.3295, 46.0367



25.7590, 19.3295, 0.8430



7.3585, 19.3295, 7.2779



12.5526, 19.3295, 95.7832

Rectangle

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



37.0030, 19.3295, 46.0367



36.7786, 19.3295, 6.8596



7.3585, 19.3295, 7.2779



7.4354, 19.3295, 47.5114

Sweetspot

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



37.0037, 19.3305, 46.0371



76.7577, 66.2628, 94.0247



15.7551, 7.9497, 64.3228



15.9556, 13.3229, 19.6980



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.



37.0037, 19.3305, 46.0371



52.9155, 26.1073, 62.8660



30.6934, 16.8064, 12.8077



12.8493, 12.5912, 15.1467



21.4266, 10.5070, 25.3484



1.3186, 0.6442, 1.6672

Inverse Universe

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



37.0037, 19.3305, 46.0371



52.9155, 26.1073, 62.8660



31.3069, 51.1078, 41.2608



12.8493, 12.5912, 15.1467



21.4266, 10.5070, 25.3484



1.3186, 0.6442, 1.6672

Previews

White Background



This preview shows how the XYZ color 37.0030, 19.3295, 46.0367 looks on a white background.

Color Contrast Check

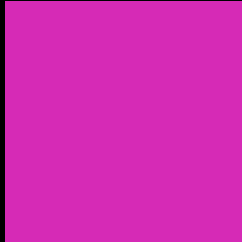
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0030, 19.3295, 46.0367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

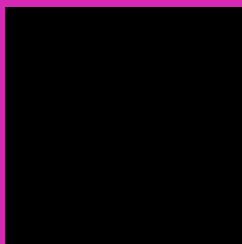
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.0030, 19.3295, 46.0367

Background



This preview shows how black text looks on a background with the XYZ color 37.0030, 19.3295, 46.0367.



This preview shows how white text looks on a background with the XYZ color 37.0030, 19.3295,

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

37.0030, 19.3295, 46.0367

Protanopia

23.6530, 19.9068, 88.9819

Deuteranopia

20.1095, 19.6566, 41.7639



Tritanopia

29.6852, 19.3723, 10.7690

Trichromacy



Original Color

37.0030, 19.3295, 46.0367



Protanomaly

22.0965, 15.2956, 70.8950



Deuteranomaly

23.3407, 16.8086, 43.0885



Tritanomaly

31.3508, 18.6624, 19.7191

Monochromacy



Original Color

37.0030, 19.3295, 46.0367



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

19.7251, 14.4776, 25.0474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0030, 19.3295, 46.0367 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(214, 42, 182)` looks like.

```
.text, #text, p{  
    color:rgb(214, 42, 182)  
}
```

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(214, 42, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 42, 182) }
```

Border

The CSS property to change the border of an element to XYZ 37.0030, 19.3295, 46.0367 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(214, 42, 182) }
```


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

```
.border{ border-color:rgb(214, 42, 182) }
```

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

Here you see how a box with a 4 pixel rgb(214, 42, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 42, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 42, 182);  
box-shadow:4px 4px 4px 4px rgb(214, 42,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0030, 19.3295, 46.0367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 42, 182) }
```

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

```
.background{ background-color: rgb(214, 42,  
182) }
```

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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