

Converting Colors

XYZ(36.1005, 18.8384, 40.2615)

Have a look what the booklet for
XYZ(36.1005, 18.8384, 40.2615)
contains.

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Color

**XYZ(36.1005, 18.8384,
40.2615)**

Conversions

Conversions Part 1

Format	Color
Hex	D727AB
RGB	215, 39, 171
RGB Percent	84%, 15%, 67%
CMY	0.1569, 0.8470, 0.3294
CMYK	0.00, 0.82, 0.20, 0.16
HSL	315°, 69%, 50%
HSV	315°, 82%, 84%
XYZ	36.1005, 18.8384, 40.2615
YIQ	106.6720, 62.5240, 78.3640

Conversions

Conversions Part 2

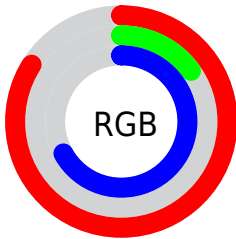
Format	Color
R _Y B	215, 39, 171
Decimal	14100395
CIE Lab	50.50, 75.47, -28.90
CIE LCh	50, 80.816, 339.047
Yxy	18.8384, 0.3792, 0.1979
Android (android.graphics.Color)	4292290475 (0xFFD727AB)
YUV	106.6720, 31.7137, 95.0037
Hunter-Lab	43.4032, 72.5112, -24.6161

Details

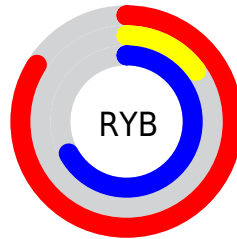
The XYZ color **36.1005, 18.8384, 40.2615** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **26.6996, 49.6574, 16.3641**, and the grayscale version is **13.7896, 14.5077, 15.7989**.

A 20% lighter version of the original color is **60.3628, 37.3214, 76.6953**, and **16.9803, 8.3759, 17.8613** is the 20% darker color. If you saturate the color by 10%, you get **35.0815, 17.6036, 37.4451**, and if you desaturate by 10%, it is **37.5411, 20.8825, 43.3216**.

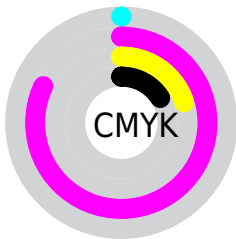
Distribution



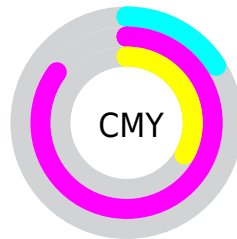
- Red (84%)
- Green (15%)
- Blue (67%)



- Red (84%)
- Yellow (15%)
- Blue (67%)



- Cyan (0%)
- Magenta (82%)
- Yellow (20%)
- Black (16%)




- Cyan (16%)
- Magenta (85%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1005, 18.8384, 40.2615 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 36.1005, 18.8384, 40.2615 by changing the saturation by 10% instead.


 36.1005, 18.8384,
40.2615


 36.1005, 18.8384,
40.2615


320.8232,
245.5552, 362.8093


 24.6823, 11.5536,
27.4272


 68.5100, 41.4609,
76.8030


 15.9680, 6.4405,
17.6590


 90.2320, 57.5673,
101.3472


 9.5922, 3.1147,
10.5386


 116.1194, 77.3830,
130.6318

 5.1896, 1.1919,
5.6472

 146.5374,
101.2924, 165.0753

 2.3948, 0.0551,
2.5665

 181.8514,
129.6800, 205.0963

 0.8425, 0.0000,
0.8751

222.4268,

 0.0000, 0.0000,

162.9300, 251.1133

0.0000

268.6289,
201.4270, 303.5448

■ 36.1005, 18.8384,
40.2615

■ 36.1005, 18.8384,
40.2615

■ 35.0815, 17.6036,
37.4451

■ 37.5411, 20.8825,
43.3216


■ 34.4792, 17.0290,
35.3017


■ 39.4606, 23.8510,
46.6451


■ 41.9092, 27.8435,
50.2503


■ 44.9300, 32.9460,
54.1525

■ 48.5617, 39.2354,
58.3657

 52.8394, 46.7815,
62.9029

 57.7955, 55.6491,
67.7758

 63.4604, 65.8980,
72.9957

 69.8622, 77.5849,
78.5731

Harmonies

Analogous

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



29.2414, 18.8384, 76.0053



36.1005, 18.8384, 40.2615



37.4138, 18.8384, 14.4193

Triad

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



36.1005, 18.8384, 40.2615



15.6278, 18.8384, 0.5071



8.5306, 18.8384, 61.7662

Complementary

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



36.1005, 18.8384, 40.2615



26.6996, 49.6574, 16.3641

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.



6.7264, 18.8384, 28.1163



36.1005, 18.8384, 40.2615



9.9586, 18.8384, 1.9012

Square

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



36.1005, 18.8384, 40.2615



23.8859, 18.8384, 0.8105



7.1587, 18.8384, 8.5820



13.0170, 18.8384, 93.5353

Rectangle

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



36.1005, 18.8384, 40.2615



34.6777, 18.8384, 5.8372



7.1587, 18.8384, 8.5820



7.6603, 18.8384, 49.6017

Sweetspot

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



36.1011, 18.8394, 40.2618



75.5144, 64.8664, 90.2492



16.5600, 8.1978, 64.9997



15.6865, 13.0435, 18.8107



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.



36.1011, 18.8394, 40.2618



50.8675, 25.1996, 52.3548



30.3122, 16.5238, 9.7775



12.8142, 12.5772, 14.9617



20.6670, 10.2031, 21.3485



1.2787, 0.6283, 1.4571

Inverse Universe

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



36.1011, 18.8394, 40.2618



50.8675, 25.1996, 52.3548



32.4888, 51.9731, 46.8494



12.8142, 12.5772, 14.9617



20.6670, 10.2031, 21.3485



1.2787, 0.6283, 1.4571

Previews

White Background



This preview shows how the XYZ color 36.1005, 18.8384, 40.2615 looks on a white background.

Color Contrast Check

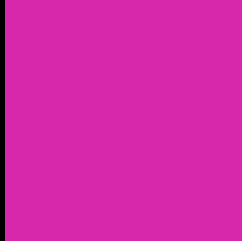
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1005, 18.8384, 40.2615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

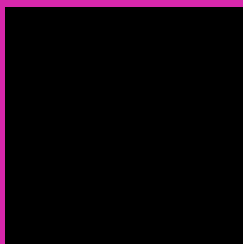
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.1005, 18.8384, 40.2615

Background



This preview shows how black text looks on a background with the XYZ color 36.1005, 18.8384, 40.2615.



This preview shows how white text looks on a background with the XYZ color 36.1005, 18.8384,

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

36.1005, 18.8384, 40.2615

Protanopia

22.6448, 19.4180, 79.6453

Deuteranopia

19.5854, 19.1464, 36.3816



Tritanopia

29.6595, 18.8621, 9.4747

Trichromacy



Original Color

36.1005, 18.8384, 40.2615



Protanomaly

22.0153, 15.3086, 62.7673



Deuteranomaly

22.8421, 16.4185, 37.5625



Tritanomaly

31.2256, 18.3167, 17.2189

Monochromacy



Original Color

36.1005, 18.8384, 40.2615



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

18.9006, 13.7573, 22.7783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1005, 18.8384, 40.2615 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, 39, 171)` looks like.

```
.text, #text, p{  
    color:rgb(215, 39, 171)  
}
```

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, 39, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 39, 171) }
```

Border

The CSS property to change the border of an element to XYZ 36.1005, 18.8384, 40.2615 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, 39, 171) }
```


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

```
.border{ border-color:rgb(215, 39, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 39, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 39, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 39, 171);  
box-shadow:4px 4px 4px 4px rgb(215, 39,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1005, 18.8384, 40.2615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 39, 171) }
```

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

```
.background{ background-color: rgb(215, 39,  
171) }
```

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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