

Converting Colors

XYZ(46.0088, 34.8024, 36.2928)

Have a look what the booklet for
XYZ(46.0088, 34.8024, 36.2928)
contains.

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Color

**XYZ(46.0633, 34.8936,
36.2056)**

Conversions

Conversions Part 1

Format	Color
Hex	E4829D
RGB	228, 130, 157
RGB Percent	89%, 51%, 62%
CMY	0.1059, 0.4902, 0.3843
CMYK	0.00, 0.43, 0.31, 0.11
HSL	343°, 64%, 70%
HSV	343°, 43%, 89%
XYZ	46.0633, 34.8936, 36.2056
YIQ	162.3800, 49.7410, 29.1730

Conversions

Conversions Part 2

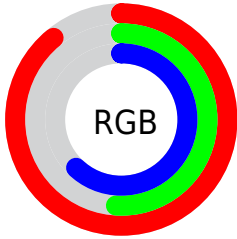
Format	Color
RYB	228, 130, 157
Decimal	14975645
CIELab	65.67, 40.74, 2.24
CIELCh	66, 40.798, 3.153
Yxy	34.8936, 0.3932, 0.2978
Android (android.graphics.Color)	4293165725 (0xFFE4829D)
YUV	162.3800, -2.6523, 57.5487
Hunter-Lab	59.0708, 35.8200, 5.0096

Details

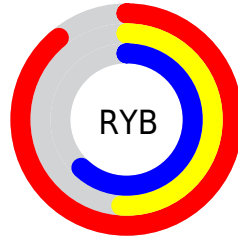
The XYZ color **46.0633, 34.8936, 36.2056** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.4936, 64.4504, 65.1988**, and the grayscale version is **34.5175, 36.3151, 39.5472**.

A 20% lighter version of the original color is **70.3468, 60.6611, 69.6291**, and **21.9035, 15.0354, 15.3834** is the 20% darker color. If you saturate the color by 10%, you get **42.0434, 28.9602, 28.3715**, and if you desaturate by 10%, it is **50.9477, 42.2504, 45.2694**.

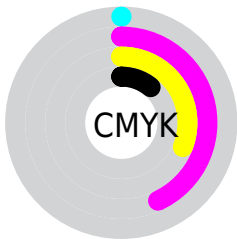
Distribution



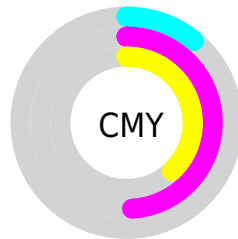
- Red (89%)
- Green (51%)
- Blue (62%)



- Red (89%)
- Yellow (51%)
- Blue (62%)



- Cyan (0%)
- Magenta (43%)
- Yellow (31%)
- Black (11%)





- Cyan (11%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0633, 34.8936, 36.2056 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 46.0633, 34.8936, 36.2056 by changing the saturation by 10% instead.


 46.0633, 34.8936,
36.2056


 46.0633, 34.8936,
36.2056

361.7748,
324.0984, 344.9228


 32.5006, 23.5809,
24.3021


 83.5410, 67.3209,
70.5219

 21.9016, 15.0230,
15.3436


 108.1867, 89.2043,
93.7718

 13.9008, 8.8356,
8.9116


 137.2575,
115.3801, 121.6408

 8.1329, 4.6341,
4.5875

171.1187,
146.2327, 154.5476

 4.2326, 2.0342,
1.9529

210.1357,
182.1464, 192.9106

 1.8346, 0.6272,
0.5261

254.6738,

 0.5384, 0.0000,

223.5057, 237.1485

0.0000

305.0983,
270.6949, 287.6797

0.0000, 0.0000,
0.0000

46.0633, 34.8936,
36.2056

46.0633, 34.8936,
36.2056

42.0434, 28.9602,
28.3715

50.9477, 42.2504,
45.2694

38.8326, 24.3522,
21.7100

56.7417, 51.1100,
55.6123

36.3734, 20.9675,
16.1625

63.4906, 61.5517,
67.2833

34.5991, 18.6864,
11.6635

71.2357, 73.6479,
80.3280

33.4300, 17.3646,
8.1400

80.0159, 87.4666,
94.7901

■ 32.8867, 16.8507,
6.1936

■ 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



44.5545, 34.8936, 54.9447



46.0633, 34.8936, 36.2056



43.7868, 34.8936, 22.6431

Triad

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



46.0633, 34.8936, 36.2056



27.2503, 34.8936, 16.5086



28.2254, 34.8936, 75.7330

Complementary

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



46.0633, 34.8936, 36.2056



47.4936, 64.4504, 65.1988

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.



24.4174, 34.8936, 59.0670



46.0633, 34.8936, 36.2056



23.9039, 34.8936, 24.9450

Square

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



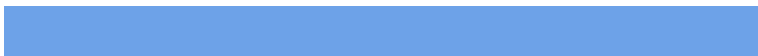
46.0633, 34.8936, 36.2056



32.5351, 34.8936, 13.6378



22.9323, 34.8936, 39.8387



33.8036, 34.8936, 81.4290

Rectangle

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



46.0633, 34.8936, 36.2056



40.5724, 34.8936, 17.2192



22.9323, 34.8936, 39.8387



26.7195, 34.8936, 71.0230

Sweetspot

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



46.0643, 34.8953, 36.2063



81.7427, 79.1914, 86.5650



45.8694, 33.8802, 77.5207



17.0601, 16.2727, 17.7819



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.



46.0643, 34.8953, 36.2063



54.5005, 37.7782, 37.1873



47.1296, 40.3159, 26.4191



14.5393, 14.4329, 15.7744



19.0330, 9.7474, 3.8030



1.4448, 0.7356, 0.4831

Inverse Universe

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



46.0643, 34.8953, 36.2063



54.5005, 37.7782, 37.1873



45.4672, 54.8611, 81.5916



14.5393, 14.4329, 15.7744



19.0330, 9.7474, 3.8030



1.4448, 0.7356, 0.4831

Previews

White Background



This preview shows how the XYZ color 46.0633, 34.8936, 36.2056 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 46.0633, 34.8936, 36.2056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

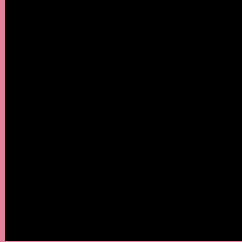
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0633, 34.8936, 36.2056

Background



This preview shows how black text looks on a background with the XYZ color 46.0633, 34.8936, 36.2056.



This preview shows how white text looks on a background with the XYZ color 46.0633, 34.8936,

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

46.0633, 34.8936, 36.2056

Protanopia

34.3362, 35.2232, 45.0334

Deuteranopia

35.8312, 35.2076, 35.0442



Tritanopia

44.9486, 35.0589, 29.9892

Trichromacy



Original Color

46.0633, 34.8936, 36.2056

Protanomaly

37.4250, 34.1973, 41.6740

Deuteranomaly

38.8766, 34.6266, 35.2064

Tritanomaly

45.1963, 34.9400, 31.9658

Monochromacy



Original Color

46.0633, 34.8936, 36.2056

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.5012, 34.7899, 37.9963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0633, 34.8936, 36.2056 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(228, 130, 157)` looks like.

```
.text, #text, p{  
    color:rgb(228, 130, 157)  
}
```

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(228, 130, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 130, 157) }
```

Border

The CSS property to change the border of an element to XYZ 46.0633, 34.8936, 36.2056 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(228, 130, 157) }
```


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

```
.border{ border-color:rgb(228, 130, 157) }
```

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

Here you see how a box with a 4 pixel rgb(228, 130, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 130, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 130, 157);  
box-shadow:4px 4px 4px 4px rgb(228, 130,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0633, 34.8936, 36.2056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 130, 157) }
```

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

```
.background{ background-color: rgb(228,  
130, 157) }
```

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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