

Converting Colors

$Y_{xy}(36.7899, 0.3479, 0.2695)$

Have a look what the booklet for
Yxy(36.7899, 0.3479, 0.2695)
contains.

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Color

Yxy(36.7378, 0.3484, 0.2693)

Conversions

Conversions Part 1

Format	Color
Hex	DC89BC
RGB	220, 137, 188
RGB Percent	86%, 54%, 74%
CMY	0.1374, 0.4626, 0.2628
CMYK	0.00, 0.38, 0.15, 0.14
HSL	323°, 54%, 70%
HSV	323°, 38%, 86%
XYZ	47.5286, 36.7378, 52.1532
YIQ	167.6310, 33.0970, 33.4570

Conversions

Conversions Part 2

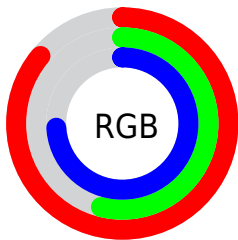
Format	Color
R _Y B	220, 137, 188
Decimal	14453180
CIE Lab	67.08, 38.76, -13.24
CIE LCh	67, 40.961, 341.137
Yxy	36.7378, 0.3484, 0.2693
Android (android.graphics.Color)	4292643260 (0xFFDC89BC)
YUV	167.6310, 10.0419, 45.9276
Hunter-Lab	60.6117, 33.9000, -8.5877

Details

The Yxy color **36.7378, 0.3484, 0.2693** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.3540, 0.2888, 0.3980**, and the grayscale version is **38.9068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4909, 0.3237, 0.2774**, and **16.0328, 0.3575, 0.2522** is the 20% darker color. If you saturate the color by 10%, you get **30.7538, 0.3618, 0.2539**, and if you desaturate by 10%, it is **44.0215, 0.3367, 0.2855**.

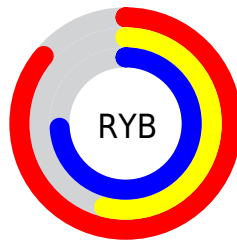
Distribution



Red (86%)

Green (54%)

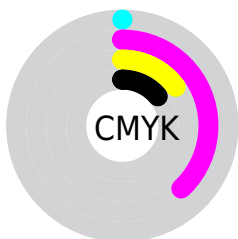
Blue (74%)



Red (86%)

Yellow (54%)

Blue (74%)

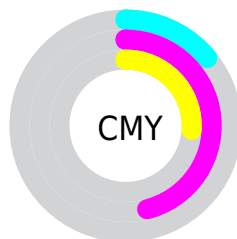


Cyan (0%)

Magenta (38%)

Yellow (15%)

Black (14%)



Cyan (14%)

Magenta (46%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7378, 0.3484, 0.2693 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 Yxy color 36.7378, 0.3484, 0.2693 by changing the saturation by 10% instead.


 36.7378, 0.3484,
0.2693


 36.7378, 0.3484,
0.2693


332.1739, 0.3306,
0.2988

 25.0045, 0.3528,
0.2621


 70.1693, 0.3419,
0.2799

 16.0804, 0.3585,
0.2529


 92.6364, 0.3395,
0.2839

 9.5811, 0.3660,
0.2408


 119.4502, 0.3375,
0.2874

 5.1221, 0.3764,
0.2242

150.9951, 0.3357,
0.2903

 2.3191, 0.3917,
0.2003

187.6556, 0.3342,
0.2928

 0.7838, 0.4165,
0.1625


229.8159, 0.3328,

 0.0000, 0.5268,

0.2951

0.0000


277.8606, 0.3317,
0.2970


 0.0000, 0.0000,
0.0000

 36.7378, 0.3484,
0.2693

 36.7378, 0.3484,
0.2693

 30.7538, 0.3618,
0.2539

 44.0215, 0.3367,
0.2855


 25.9860, 0.3770,
0.2402


 52.6716, 0.3267,
0.3017


 22.3493, 0.3935,
0.2294


 62.7562, 0.3183,
0.3174


 19.7453, 0.4110,
0.2227

 74.3373, 0.3112,
0.3324


 18.0582, 0.4287,
0.2208

 87.4734, 0.3053,
0.3464

 17.1286, 0.4460,
0.2241

 92.9550, 0.3004,
0.3455

 16.9636, 0.4500,
0.2252

 93.4679, 0.2958,
0.3367

 93.9503, 0.2917,
0.3289

Harmonies

Analogous

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



36.7378, 0.2857, 0.2418



36.7378, 0.3484, 0.2693



36.7378, 0.4054, 0.3100

Triad

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



36.7378, 0.3484, 0.2693



36.7378, 0.3874, 0.4359



36.7378, 0.2042, 0.2816

Complementary

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



36.7378, 0.3484, 0.2693



59.3540, 0.2888, 0.3980

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.



36.7378, 0.2259, 0.3396



36.7378, 0.3484, 0.2693



36.7378, 0.3300, 0.4391

Square

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



36.7378, 0.3484, 0.2693



36.7378, 0.4270, 0.4028



36.7378, 0.2709, 0.4019



36.7378, 0.2079, 0.2450

Rectangle

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



36.7378, 0.3484, 0.2693



36.7378, 0.4291, 0.3411



36.7378, 0.2709, 0.4019



36.7378, 0.2086, 0.2990

Sweetspot

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



36.7395, 0.3484, 0.2693



82.7136, 0.3210, 0.3121



31.4797, 0.2700, 0.2226



17.2862, 0.3221, 0.3100



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.7395, 0.3484, 0.2693



44.7800, 0.3586, 0.2574



35.2067, 0.3941, 0.3175



13.1853, 0.3196, 0.3147



9.9817, 0.4474, 0.2239



0.6633, 0.4214, 0.2095

Inverse Universe

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



36.7395, 0.3484, 0.2693



44.7800, 0.3586, 0.2574



61.1567, 0.2655, 0.3413



13.1853, 0.3196, 0.3147



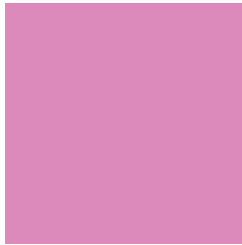
9.9817, 0.4474, 0.2239



0.6633, 0.4214, 0.2095

Previews

White Background



This preview shows how the Yxy color 36.7378, 0.3484, 0.2693 looks on a white background.

Color Contrast Check

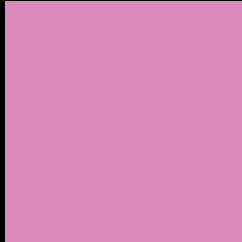
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 36.7378, 0.3484, 0.2693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

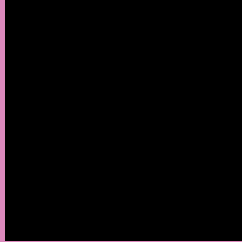
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7378, 0.3484, 0.2693

Background



This preview shows how black text looks on a background with the Yxy color 36.7378, 0.3484, 0.2693.



This preview shows how white text looks on a background with the Yxy color 36.7378, 0.3484, 0.2693.

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

36.7378, 0.3484, 0.2693

Protanopia

37.0207, 0.2705, 0.2701

Deuteranopia

36.8030, 0.3013, 0.2947



Tritanopia

36.5769, 0.3795, 0.3157

Trichromacy



Original Color

36.7378, 0.3484, 0.2693



Protanomaly

36.2531, 0.2950, 0.2685



Deuteranomaly

36.3274, 0.3177, 0.2846



Tritanomaly

36.5546, 0.3680, 0.2988

Monochromacy



Original Color

36.7378, 0.3484, 0.2693



Achromatopsia

39.1572, 0.3127, 0.3290



Achromatomaly

37.7739, 0.3255, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7378, 0.3484, 0.2693 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(220, 137, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 137, 188)  
}
```

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(220, 137, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 137, 188) }
```

Border

The CSS property to change the border of an element to Yxy 36.7378, 0.3484, 0.2693 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(220, 137, 188) }
```

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

```
.border{ border-color:rgb(220, 137, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 137, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 137, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 137, 188); box-shadow:4px 4px 4px 4px rgb(220, 137, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7378, 0.3484, 0.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 137, 188) }
```

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

```
.background{ background-color: rgb(220,  
137, 188) }
```

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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