

Converting Colors

$Yxy(36.6933, 0.3180, 0.2789)$

Have a look what the booklet for
Yxy(36.6933, 0.3180, 0.2789)
contains.

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Color

Yxy(36.6933, 0.3180, 0.2789)

Conversions

Conversions Part 1

Format	Color
Hex	C096BD
RGB	192, 150, 189
RGB Percent	75%, 59%, 74%
CMY	0.2469, 0.4118, 0.2587
CMYK	0.00, 0.22, 0.02, 0.25
HSL	304°, 25%, 67%
HSV	304°, 22%, 75%
XYZ	41.8375, 36.6933, 53.0336
YIQ	167.0040, 12.5130, 21.0330

Conversions

Conversions Part 2

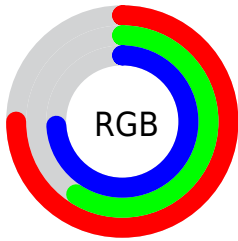
Format	Color
R _{YB}	192, 150, 189
Decimal	12621501
CIE Lab	67.05, 22.39, -14.18
CIE LCh	67, 26.499, 327.657
Yxy	36.6933, 0.3180, 0.2789
Android (android.graphics.Color)	4290811581 (0xFFC096BD)
YUV	167.0040, 10.8440, 21.9215
Hunter-Lab	60.5750, 17.2788, -9.5061

Details

The Yxy color **36.6933, 0.3180, 0.2789** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.4961, 0.3077, 0.3848**, and the grayscale version is **38.5894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9180, 0.3176, 0.2879**, and **16.1045, 0.3185, 0.2646** is the 20% darker color. If you saturate the color by 10%, you get **31.0014, 0.3208, 0.2558**, and if you desaturate by 10%, it is **43.3932, 0.3154, 0.3021**.

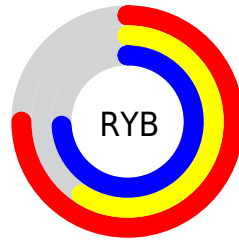
Distribution



Red (75%)

Green (59%)

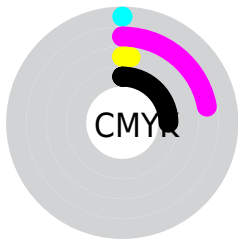
Blue (74%)



Red (75%)

Yellow (59%)

Blue (74%)

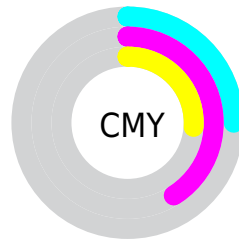


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (25%)



Cyan (25%)


Magenta (41%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6933, 0.3180, 0.2789 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 36.6933, 0.3180, 0.2789 by changing the saturation by 10% instead.


 36.6933, 0.3180,
0.2789

 36.6933, 0.3180,
0.2789


331.9808, 0.3157,
0.3039

 24.9701, 0.3185,
0.2727


 70.1008, 0.3172,
0.2880

 16.0548, 0.3190,
0.2647


 92.5540, 0.3169,
0.2914

 9.5629, 0.3196,
0.2541


119.3525, 0.3167,
0.2943

 5.1101, 0.3202,
0.2394

150.8809, 0.3164,
0.2968

 2.3120, 0.3206,
0.2177

187.5236, 0.3162,
0.2989

 0.7801, 0.3201,
0.1821

229.6648, 0.3160,

 0.0000, 0.2707,

0.3008

0.0000

277.6891, 0.3158,
0.3025

■ 0.0000, 0.0000,
0.0000

■ 36.6933, 0.3180,
0.2789

■ 36.6933, 0.3180,
0.2789

■ 31.0014, 0.3208,
0.2558

■ 43.3932, 0.3154,
0.3021

■ 26.2639, 0.3237,
0.2336

■ 51.1419, 0.3131,
0.3248

■ 22.4293, 0.3267,
0.2133

■ 59.9837, 0.3111,
0.3465

■ 19.4396, 0.3297,
0.1958

■ 69.9589, 0.3092,
0.3669

■ 17.2300, 0.3327,
0.1818

■ 81.1059, 0.3076,
0.3859

■ 15.7261, 0.3354,
0.1721

■ 86.7742, 0.3066,
0.3934

■ 14.8394, 0.3379,
0.1666

■ 86.8376, 0.3058,
0.3918

■ 14.4364, 0.3398,
0.1646

■ 86.9017, 0.3051,
0.3902

■ 86.9662, 0.3043,
0.3887

Harmonies

Analogous

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



36.6933, 0.2791, 0.2653



36.6933, 0.3180, 0.2789



36.6933, 0.3577, 0.3039

Triad

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



36.6933, 0.3180, 0.2789



36.6933, 0.3763, 0.3924



36.6933, 0.2447, 0.3155

Complementary

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



36.6933, 0.3180, 0.2789



46.4961, 0.3077, 0.3848

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.



36.6933, 0.2677, 0.3547



36.6933, 0.3180, 0.2789



36.6933, 0.3434, 0.4013

Square

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



36.6933, 0.3180, 0.2789



36.6933, 0.3924, 0.3674



36.6933, 0.3036, 0.3877



36.6933, 0.2388, 0.2836

Rectangle

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



36.6933, 0.3180, 0.2789



36.6933, 0.3784, 0.3245



36.6933, 0.3036, 0.3877



36.6933, 0.2506, 0.3283

Sweetspot

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



36.6949, 0.3180, 0.2789



85.0657, 0.3143, 0.3131



32.3685, 0.2787, 0.2692



18.0684, 0.3144, 0.3117



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



36.6949, 0.3180, 0.2789



61.5803, 0.3192, 0.2684



35.8547, 0.3380, 0.3050



10.2347, 0.3148, 0.3079



9.7155, 0.3395, 0.1644



0.4236, 0.3350, 0.1619

Inverse Universe

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



36.6949, 0.3180, 0.2789



61.5803, 0.3192, 0.2684



47.2449, 0.2930, 0.3544



10.2347, 0.3148, 0.3079



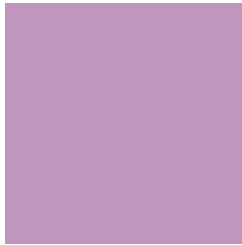
9.7155, 0.3395, 0.1644



0.4236, 0.3350, 0.1619

Previews

White Background



This preview shows how the Yxy color 36.6933, 0.3180, 0.2789 looks on a white background.

Color Contrast Check

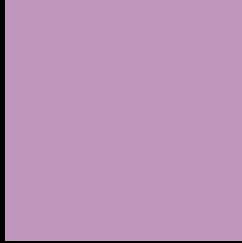
Large Text (above 18pt) WCAG AA × Fail

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 36.6933, 0.3180, 0.2789 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 36.6933, 0.3180, 0.2789

Background



This preview shows how black text looks on a background with the Yxy color 36.6933, 0.3180, 0.2789.



This preview shows how white text looks on a background with the Yxy color 36.6933, 0.3180, 0.2789.

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

36.6933, 0.3180, 0.2789

Protanopia

36.9398, 0.2788, 0.2806

Deuteranopia

36.7090, 0.2969, 0.2905



Tritanopia

36.6832, 0.3364, 0.3130

Trichromacy



Original Color

36.6933, 0.3180, 0.2789

Protanomaly

36.7838, 0.2921, 0.2803

Deuteranomaly

36.7549, 0.3043, 0.2861

Tritanomaly

36.7856, 0.3299, 0.3013

Monochromacy



Original Color

36.6933, 0.3180, 0.2789

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.8150, 0.3146, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6933, 0.3180, 0.2789 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(192, 150, 189)` looks like.

```
.text, #text, p{  
    color:rgb(192, 150, 189)  
}
```

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(192, 150, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 150, 189) }
```

Border

The CSS property to change the border of an element to Yxy 36.6933, 0.3180, 0.2789 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(192, 150, 189) }
```

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

```
.border{ border-color:rgb(192, 150, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 150, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 150, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 150, 189); box-shadow:4px 4px 4px 4px rgb(192, 150, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6933, 0.3180, 0.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 150, 189) }
```

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

```
.background{ background-color: rgb(192,  
150, 189) }
```

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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