

Converting Colors

$Y_{xy}(36.7065, 0.3213, 0.2873)$

Have a look what the booklet for
Yxy(36.7065, 0.3213, 0.2873)
contains.

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Color

Yxy(36.5411, 0.3206, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	BE97B8
RGB	190, 151, 184
RGB Percent	75%, 59%, 72%
CMY	0.2550, 0.4078, 0.2785
CMYK	0.00, 0.21, 0.03, 0.25
HSL	309°, 23%, 67%
HSV	309°, 21%, 75%
XYZ	40.9475, 36.5411, 50.2328
YIQ	166.4230, 12.6510, 18.5310

Conversions

Conversions Part 2

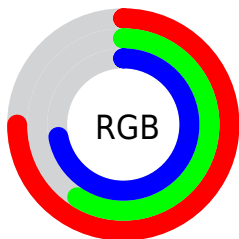
Format	Color
R_{YB}	190, 151, 184
Decimal	12490680
CIE Lab	66.93, 20.17, -11.55
CIE LCh	67, 23.243, 330.190
Yxy	36.5411, 0.3206, 0.2861
Android (android.graphics.Color)	4290680760 (0xFFBE97B8)
YUV	166.4230, 8.6655, 20.6770
Hunter-Lab	60.4492, 15.1273, -6.9551

Details

The Yxy color **36.5411, 0.3206, 0.2861** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.8322, 0.3057, 0.3761**, and the grayscale version is **38.3011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7281, 0.3196, 0.2935**, and **15.9873, 0.3223, 0.2739** is the 20% darker color. If you saturate the color by 10%, you get **30.7905, 0.3252, 0.2647**, and if you desaturate by 10%, it is **43.2828, 0.3165, 0.3074**.

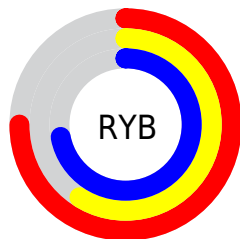
Distribution



Red (75%)

Green (59%)

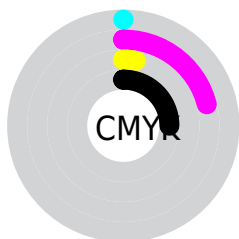
Blue (72%)



Red (75%)

Yellow (59%)

Blue (72%)

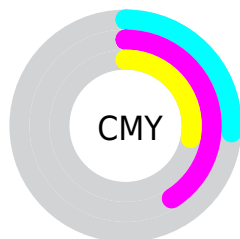


Cyan (0%)

Magenta (21%)

Yellow (3%)

Black (25%)



Cyan (26%)


Magenta (41%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.5411, 0.3206, 0.2861 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 36.5411, 0.3206, 0.2861 by changing the saturation by 10% instead.


 36.5411, 0.3206,
0.2861


 36.5411, 0.3206,
0.2861

331.3194, 0.3168,
0.3077

 24.8524, 0.3215,
0.2807


 69.8664, 0.3193,
0.2940

 15.9671, 0.3226,
0.2737


 92.2718, 0.3188,
0.2969

 9.5009, 0.3240,
0.2644


119.0183, 0.3183,
0.2994

 5.0693, 0.3258,
0.2513

150.4901, 0.3179,
0.3015

 2.2880, 0.3282,
0.2318

187.0717, 0.3176,
0.3034

 0.7673, 0.3317,
0.1986

229.1476, 0.3173,

 0.0000, 0.2790,

0.3050

0.0000

277.1020, 0.3171,
0.3064

0.0000, 0.0000,
0.0000

36.5411, 0.3206,
0.2861

36.5411, 0.3206,
0.2861

30.7905, 0.3252,
0.2647

43.2828, 0.3165,
0.3074

25.9791, 0.3303,
0.2439

51.0546, 0.3129,
0.3280

22.0574, 0.3358,
0.2245

59.8996, 0.3098,
0.3476

18.9697, 0.3416,
0.2076

69.8568, 0.3071,
0.3659

16.6538, 0.3476,
0.1940

80.9633, 0.3048,
0.3829

■ 15.0389, 0.3534,
0.1845

■ 86.7055, 0.3030,
0.3887

■ 14.0411, 0.3591,
0.1794

■ 86.8448, 0.3015,
0.3853

■ 13.5087, 0.3641,
0.1780

■ 86.9867, 0.2999,
0.3820

■ 87.1313, 0.2983,
0.3786

Harmonies

Analogous

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



36.5411, 0.2858, 0.2731



36.5411, 0.3206, 0.2861



36.5411, 0.3549, 0.3091

Triad

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



36.5411, 0.3206, 0.2861



36.5411, 0.3668, 0.3862



36.5411, 0.2515, 0.3147

Complementary

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



36.5411, 0.3206, 0.2861



45.8322, 0.3057, 0.3761

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.



36.5411, 0.2709, 0.3487



36.5411, 0.3206, 0.2861



36.5411, 0.3371, 0.3919

Square

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



36.5411, 0.3206, 0.2861



36.5411, 0.3822, 0.3655



36.5411, 0.3020, 0.3782



36.5411, 0.2476, 0.2875

Rectangle

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



36.5411, 0.3206, 0.2861



36.5411, 0.3721, 0.3278



36.5411, 0.3020, 0.3782



36.5411, 0.2564, 0.3258

Sweetspot

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



36.5427, 0.3206, 0.2861



84.4347, 0.3148, 0.3166



33.0094, 0.2841, 0.2739



18.3392, 0.3151, 0.3152



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.



36.5427, 0.3206, 0.2861



60.9141, 0.3228, 0.2756



35.7867, 0.3393, 0.3108



9.6704, 0.3160, 0.3098



8.9944, 0.3635, 0.1776



0.3592, 0.3518, 0.1711

Inverse Universe

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



36.5427, 0.3206, 0.2861



60.9141, 0.3228, 0.2756



46.5456, 0.2919, 0.3480



9.6704, 0.3160, 0.3098



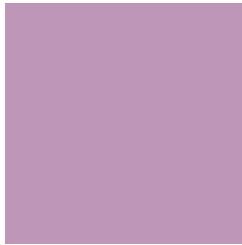
8.9944, 0.3635, 0.1776



0.3592, 0.3518, 0.1711

Previews

White Background



This preview shows how the Yxy color 36.5411, 0.3206, 0.2861 looks on a white background.

Color Contrast Check

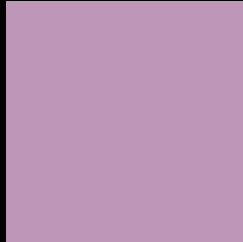
Large Text (above 18pt) WCAG AA × Fail

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 36.5411, 0.3206, 0.2861 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 36.5411, 0.3206, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 36.5411, 0.3206, 0.2861.



This preview shows how white text looks on a background with the Yxy color 36.5411, 0.3206, 0.2861.

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

36.5411, 0.3206, 0.2861

Protanopia

36.7703, 0.2842, 0.2884

Deuteranopia

36.7612, 0.3021, 0.2960



Tritanopia

36.5557, 0.3354, 0.3130

Trichromacy



Original Color

36.5411, 0.3206, 0.2861

Protanomaly

36.5196, 0.2970, 0.2879

Deuteranomaly

36.5429, 0.3087, 0.2925

Tritanomaly

36.6184, 0.3298, 0.3025

Monochromacy



Original Color

36.5411, 0.3206, 0.2861

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6208, 0.3154, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5411, 0.3206, 0.2861 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(190, 151, 184)` looks like.

```
.text, #text, p{  
    color:rgb(190, 151, 184)  
}
```

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(190, 151, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 151, 184) }
```

Border

The CSS property to change the border of an element to Yxy 36.5411, 0.3206, 0.2861 is called "border". The border property can be set on classes, ids or directly on the HTML element.

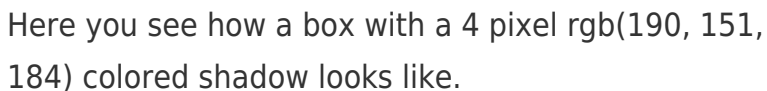
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 151, 184) }
```

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

```
.border{ border-color:rgb(190, 151, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 151, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 151, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 151, 184); box-shadow:4px 4px 4px 4px rgb(190, 151, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5411, 0.3206, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 151, 184) }
```

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

```
.background{ background-color: rgb(190,  
151, 184) }
```

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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