

Converting Colors

Yxy(36.6552, 0.3121, 0.2550)

Have a look what the booklet for
Yxy(36.6552, 0.3121, 0.2550)
contains.

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Color

Yxy(36.6337, 0.3114, 0.2546)

Conversions

Conversions Part 1

Format	Color
Hex	C890CD
RGB	200, 144, 205
RGB Percent	78%, 56%, 80%
CMY	0.2157, 0.4352, 0.1962
CMYK	0.02, 0.30, 0.00, 0.20
HSL	295°, 38%, 68%
HSV	295°, 30%, 80%
XYZ	44.8065, 36.6337, 62.4471
YIQ	167.6980, 13.7950, 30.8430

Conversions

Conversions Part 2

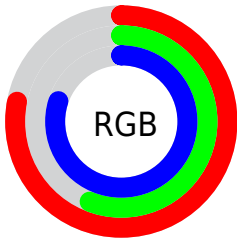
Format	Color
R_{YB}	200, 144, 205
Decimal	13144269
CIE _{Lab}	67.00, 31.37, -23.06
CIE _{LCh}	67, 38.939, 323.681
Yxy	36.6337, 0.3114, 0.2546
Android (android.graphics.Color)	4291334349 (0xFFC890CD)
YUV	167.6980, 18.3899, 28.3289
Hunter-Lab	60.5258, 26.2213, -18.8040

Details

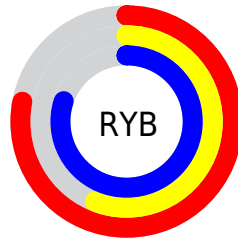
The Yxy color **36.6337, 0.3114, 0.2546** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.0513, 0.3123, 0.4142**, and the grayscale version is **38.9059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8682, 0.3153, 0.2732**, and **16.0828, 0.3090, 0.2347** is the 20% darker color. If you saturate the color by 10%, you get **30.7496, 0.3105, 0.2299**, and if you desaturate by 10%, it is **43.6507, 0.3121, 0.2800**.

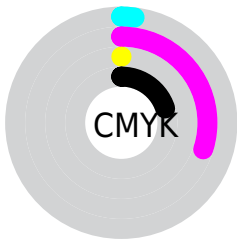
Distribution



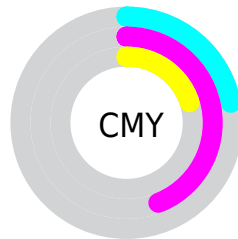
- Red (78%)
- Green (56%)
- Blue (80%)



- Red (78%)
- Yellow (56%)
- Blue (80%)



- Cyan (2%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)





- Cyan (22%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6337, 0.3114, 0.2546 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 36.6337, 0.3114, 0.2546 by changing the saturation by 10% instead.


 36.6337, 0.3114,
0.2546


 36.6337, 0.3114,
0.2546


331.7219, 0.3129,
0.2910

 24.9240, 0.3108,
0.2458


 70.0091, 0.3122,
0.2676

 16.0204, 0.3098,
0.2348


 92.4435, 0.3124,
0.2725

 9.5386, 0.3082,
0.2204


119.2217, 0.3125,
0.2767

 5.0941, 0.3055,
0.2011

150.7279, 0.3127,
0.2804

 2.3026, 0.3006,
0.1739

187.3467, 0.3128,
0.2835

 0.7751, 0.2903,
0.1331

229.4623, 0.3128,

 0.0000, 0.2602,

0.2863

0.0000

277.4593, 0.3129,
0.2888

■ 0.0000, 0.0000,
0.0000

■ 36.6337, 0.3114,
0.2546

■ 36.6337, 0.3114,
0.2546

■ 30.7496, 0.3105,
0.2299

■ 43.6507, 0.3121,
0.2800

■ 25.9327, 0.3093,
0.2067

■ 51.8522, 0.3125,
0.3052

■ 22.1176, 0.3079,
0.1862


■ 61.2926, 0.3127,
0.3296


■ 19.2300, 0.3063,
0.1692

■ 72.0213, 0.3128,
0.3528

■ 17.1852, 0.3044,
0.1563

■ 84.0851, 0.3127,
0.3744


 15.8831, 0.3024,
0.1478


 89.6335, 0.3133,
0.3828

 15.1429, 0.3004,
0.1429

 89.8807, 0.3143,
0.3826

 15.1256, 0.3003,
0.1428

 90.1305, 0.3154,
0.3824

 90.3829, 0.3164,
0.3823

Harmonies

Analogous

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



36.6337, 0.2571, 0.2379



36.6337, 0.3114, 0.2546



36.6337, 0.3714, 0.2871

Triad

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



36.6337, 0.3114, 0.2546



36.6337, 0.4091, 0.4153



36.6337, 0.2181, 0.3145

Complementary

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



36.6337, 0.3114, 0.2546



52.0513, 0.3123, 0.4142

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.



36.6337, 0.2527, 0.3748



36.6337, 0.3114, 0.2546



36.6337, 0.3626, 0.4363

Square

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



36.6337, 0.3114, 0.2546



36.6337, 0.4302, 0.3753



36.6337, 0.3052, 0.4229



36.6337, 0.2074, 0.2665

Rectangle

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



36.6337, 0.3114, 0.2546



36.6337, 0.4045, 0.3148



36.6337, 0.3052, 0.4229



36.6337, 0.2271, 0.3342

Sweetspot

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



36.6353, 0.3114, 0.2546



85.8674, 0.3125, 0.3068



31.8620, 0.2615, 0.2503



17.9245, 0.3125, 0.3031



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.



36.6353, 0.3114, 0.2546



53.3504, 0.3108, 0.2379



36.2039, 0.3407, 0.2846



11.3553, 0.3125, 0.3061



9.4393, 0.3006, 0.1430



0.5011, 0.3048, 0.1453

Inverse Universe

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



35.0958, 0.3731, 0.3228



50.4544, 0.3929, 0.3213



52.4588, 0.2922, 0.3782



11.2283, 0.3277, 0.3271



8.1105, 0.6301, 0.3245



0.4237, 0.5995, 0.3076

Previews

White Background



This preview shows how the Yxy color 36.6337, 0.3114, 0.2546 looks on a white background.

Color Contrast Check

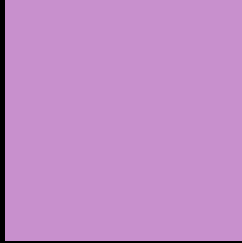
Large Text (above 18pt) WCAG AA × Fail

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 36.6337, 0.3114, 0.2546 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 36.6337, 0.3114, 0.2546

Background



This preview shows how black text looks on a background with the Yxy color 36.6337, 0.3114, 0.2546.



This preview shows how white text looks on a background with the Yxy color 36.6337, 0.3114, 0.2546.

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

36.6337, 0.3114, 0.2546

Protanopia

36.8476, 0.2578, 0.2525

Deuteranopia

36.8795, 0.2782, 0.2719



Tritanopia

36.6061, 0.3438, 0.3133

Trichromacy



Original Color

36.6337, 0.3114, 0.2546

Protanomaly

36.4623, 0.2754, 0.2532

Deuteranomaly

36.5370, 0.2900, 0.2648

Tritanomaly

36.4853, 0.3315, 0.2904

Monochromacy



Original Color

36.6337, 0.3114, 0.2546

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.8358, 0.3132, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6337, 0.3114, 0.2546 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(200, 144, 205)` looks like.

```
.text, #text, p{  
    color:rgb(200, 144, 205)  
}
```

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(200, 144, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 144, 205) }
```

Border

The CSS property to change the border of an element to Yxy 36.6337, 0.3114, 0.2546 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(200, 144, 205) }
```

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

```
.border{ border-color:rgb(200, 144, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 144, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 144, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 144, 205);  
box-shadow:4px 4px 4px 4px rgb(200, 144,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6337, 0.3114, 0.2546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 144, 205) }
```

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

```
.background{ background-color: rgb(200,  
144, 205) }
```

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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