

Converting Colors

$Y_{xy}(30.8570, 0.3463, 0.2609)$

Have a look what the booklet for
Yxy(30.8570, 0.3463, 0.2609)
contains.

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Color

Yxy(30.9354, 0.3467, 0.2611)

Conversions

Conversions Part 1

Format	Color
Hex	CF7CB3
RGB	207, 124, 179
RGB Percent	81%, 49%, 70%
CMY	0.1883, 0.5137, 0.2979
CMYK	0.00, 0.40, 0.14, 0.19
HSL	320°, 46%, 65%
HSV	320°, 40%, 81%
XYZ	41.0774, 30.9354, 46.4683
YIQ	155.0870, 31.8130, 34.7010

Conversions

Conversions Part 2

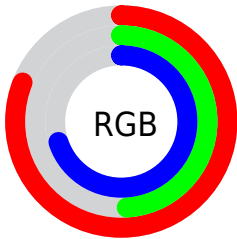
Format	Color
R _{YB}	207, 124, 179
Decimal	13597875
CIE _{Lab}	62.45, 39.87, -15.31
CIE _{LCh}	62, 42.709, 338.987
Y _{xy}	30.9354, 0.3467, 0.2611
Android (android.graphics.Color)	4291787955 (0xFFCF7CB3)
YUV	155.0870, 11.7891, 45.5277
Hunter-Lab	55.6196, 34.4953, -10.6010

Details

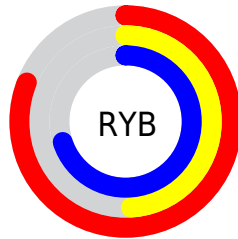
The Yxy color **30.9354, 0.3467, 0.2611** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **51.1745, 0.2900, 0.4090**, and the grayscale version is **32.7564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0989, 0.3318, 0.2718**, and **12.8508, 0.3569, 0.2425** is the 20% darker color. If you saturate the color by 10%, you get **26.0065, 0.3586, 0.2450**, and if you desaturate by 10%, it is **36.9704, 0.3362, 0.2782**.

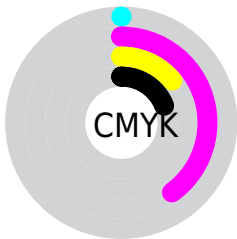
Distribution



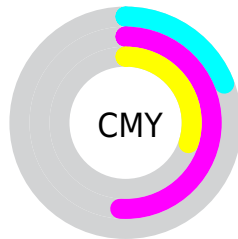
- Red (81%)
- Green (49%)
- Blue (70%)



- Red (81%)
- Yellow (49%)
- Blue (70%)



- Cyan (0%)
- Magenta (40%)
- Yellow (14%)
- Black (19%)




- Cyan (19%)
- Magenta (51%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.9354, 0.3467, 0.2611 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 30.9354, 0.3467, 0.2611 by changing the saturation by 10% instead.


 30.9354, 0.3467,
0.2611


 30.9354, 0.3467,
0.2611


306.2406, 0.3295,
0.2953

 20.5497, 0.3510,
0.2525


 61.1384, 0.3404,
0.2736

 12.7952, 0.3566,
0.2415

 81.7244, 0.3381,
0.2783

 7.2877, 0.3641,
0.2268


 106.4792, 0.3361,
0.2822

 3.6427, 0.3745,
0.2064

135.7874, 0.3344,
0.2856

 1.4758, 0.3899,
0.1763

170.0332, 0.3329,
0.2885

 0.2716, 0.4328,
0.0908

209.6011, 0.3317,

 0.0000, 0.5267,

0.2911


0.0000

254.8754, 0.3305,
0.2933


 0.0000, 0.0000,
0.0000


 30.9354, 0.3467,
0.2611


 30.9354, 0.3467,
0.2611


 26.0065, 0.3586,
0.2450


 36.9704, 0.3362,
0.2782


 22.1103, 0.3718,
0.2310


 44.1699, 0.3271,
0.2956

 19.1718, 0.3860,
0.2201

 52.5938, 0.3193,
0.3126

 17.1033, 0.4007,
0.2133

 62.2961, 0.3128,
0.3289

 15.8012, 0.4155,
0.2115

 73.3279, 0.3073,
0.3442

■ 15.0776, 0.4298,
0.2141

■ 85.7373, 0.3027,
0.3584

■ 90.3781, 0.2988,
0.3578

■ 90.7731, 0.2950,
0.3502

■ 91.1839, 0.2913,
0.3427

Harmonies

Analogous

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



30.9354, 0.2781, 0.2326



30.9354, 0.3467, 0.2611



30.9354, 0.4113, 0.3041

Triad

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



30.9354, 0.3467, 0.2611



30.9354, 0.3979, 0.4444



30.9354, 0.1951, 0.2799

Complementary

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



30.9354, 0.3467, 0.2611



51.1745, 0.2900, 0.4090

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.



30.9354, 0.2201, 0.3454



30.9354, 0.3467, 0.2611



30.9354, 0.3356, 0.4526

Square

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



30.9354, 0.3467, 0.2611



30.9354, 0.4399, 0.4053



30.9354, 0.2705, 0.4147



30.9354, 0.1974, 0.2386

Rectangle

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



30.9354, 0.3467, 0.2611



30.9354, 0.4393, 0.3375



30.9354, 0.2705, 0.4147



30.9354, 0.2004, 0.2996

Sweetspot

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



30.9368, 0.3467, 0.2611



81.3601, 0.3208, 0.3091



25.5645, 0.2630, 0.2144



17.0194, 0.3218, 0.3069



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.



30.9368, 0.3467, 0.2611



42.7681, 0.3567, 0.2474



29.5113, 0.3960, 0.3115



11.9385, 0.3189, 0.3137



9.5184, 0.4279, 0.2131



0.5467, 0.4034, 0.1996

Inverse Universe

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



30.9368, 0.3467, 0.2611



42.7681, 0.3567, 0.2474



52.7660, 0.2655, 0.3480



11.9385, 0.3189, 0.3137



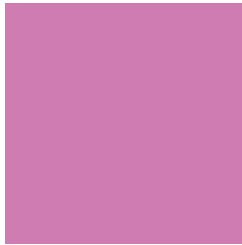
9.5184, 0.4279, 0.2131



0.5467, 0.4034, 0.1996

Previews

White Background



This preview shows how the Yxy color 30.9354, 0.3467, 0.2611 looks on a white background.

Color Contrast Check

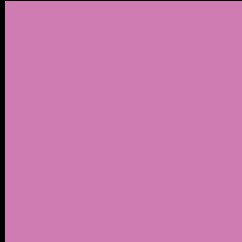
Large Text (above 18pt) WCAG AA × Fail

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 30.9354, 0.3467, 0.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

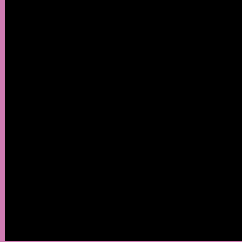
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9354, 0.3467, 0.2611

Background



This preview shows how black text looks on a background with the Yxy color 30.9354, 0.3467, 0.2611.



This preview shows how white text looks on a background with the Yxy color 30.9354, 0.3467, 0.2611.

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

30.9354, 0.3467, 0.2611

Protanopia

31.3329, 0.2632, 0.2607

Deuteranopia

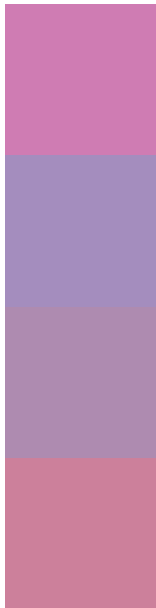
31.2435, 0.2949, 0.2893



Tritanopia

30.8522, 0.3848, 0.3162

Trichromacy



Original Color

30.9354, 0.3467, 0.2611

Protanomaly

30.6600, 0.2902, 0.2607

Deuteranomaly

30.5985, 0.3131, 0.2775

Tritanomaly

30.6423, 0.3703, 0.2944

Monochromacy



Original Color

30.9354, 0.3467, 0.2611

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6255, 0.3245, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9354, 0.3467, 0.2611 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(207, 124, 179)` looks like.

```
.text, #text, p{  
    color:rgb(207, 124, 179)  
}
```

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(207, 124, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 124, 179) }
```

Border

The CSS property to change the border of an element to Yxy 30.9354, 0.3467, 0.2611 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(207, 124, 179) }
```

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

```
.border{ border-color:rgb(207, 124, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 124, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 124, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 124, 179);  
box-shadow:4px 4px 4px 4px rgb(207, 124,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9354, 0.3467, 0.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 124, 179) }
```

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

```
.background{ background-color: rgb(207,  
124, 179) }
```

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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