

Converting Colors

$Y_{xy}(30.6667, 0.3375, 0.2366)$

Have a look what the booklet for
Yxy(30.6667, 0.3375, 0.2366)
contains.

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Color

Yxy(30.7271, 0.3376, 0.2367)

Conversions

Conversions Part 1

Format	Color
Hex	D674C3
RGB	214, 116, 195
RGB Percent	84%, 45%, 76%
CMY	0.1608, 0.5450, 0.2352
CMYK	0.00, 0.46, 0.09, 0.16
HSL	312°, 54%, 65%
HSV	312°, 46%, 84%
XYZ	43.8254, 30.7271, 55.2620
YIQ	154.3080, 33.0490, 45.3450

Conversions

Conversions Part 2

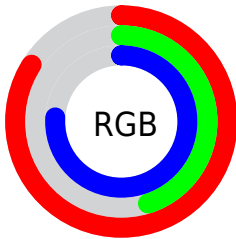
Format	Color
R _Y B	214, 116, 195
Decimal	14054595
CIE _{Lab}	62.28, 48.88, -24.57
CIE _{LCh}	62, 54.708, 333.309
Y _{xy}	30.7271, 0.3376, 0.2367
Android (android.graphics.Color)	4292244675 (0xFFD674C3)
YUV	154.3080, 20.0612, 52.3499
Hunter-Lab	55.4320, 44.1187, -20.3058

Details

The Yxy color **30.7271, 0.3376, 0.2367** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **53.5477, 0.2955, 0.4442**, and the grayscale version is **32.3582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4141, 0.3189, 0.2495**, and **12.6462, 0.3432, 0.2118** is the 20% darker color. If you saturate the color by 10%, you get **26.1651, 0.3447, 0.2191**, and if you desaturate by 10%, it is **36.4333, 0.3310, 0.2563**.

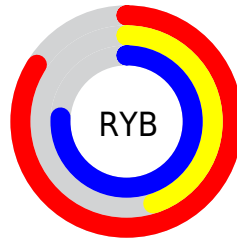
Distribution



Red (84%)

Green (45%)

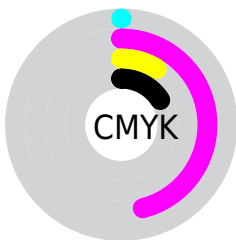
Blue (76%)



Red (84%)

Yellow (45%)

Blue (76%)

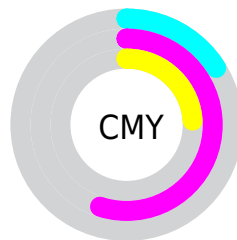


Cyan (0%)

Magenta (46%)

Yellow (9%)

Black (16%)



Cyan (16%)


Magenta (55%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7271, 0.3376, 0.2367 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 30.7271, 0.3376, 0.2367 by changing the saturation by 10% instead.

 30.7271, 0.3376,
0.2367


 30.7271, 0.3376,
0.2367


305.2791, 0.3260,
0.2821

 20.3911, 0.3402,
0.2257


 60.8102, 0.3336,
0.2529

 12.6797, 0.3433,
0.2119


 81.3260, 0.3320,
0.2591

 7.2083, 0.3472,
0.1940


 106.0040, 0.3307,
0.2644

 3.5927, 0.3518,
0.1699

135.2285, 0.3295,
0.2689

 1.4485, 0.3572,
0.1366

169.3838, 0.3285,
0.2728

 0.2520, 0.3735,
0.0595

208.8544, 0.3276,


 0.0000, 0.3259,

0.2763


0.0000


254.0247, 0.3267,
0.2793


 0.0000, 0.0000,
0.0000


 30.7271, 0.3376,
0.2367


 30.7271, 0.3376,
0.2367

 26.1651, 0.3447,
0.2191


 36.4333, 0.3310,
0.2563


 22.6638, 0.3522,
0.2043


 43.3509, 0.3250,
0.2768


 20.1355, 0.3598,
0.1935


 51.5472, 0.3197,
0.2974

 18.4762, 0.3673,
0.1871

 61.0831, 0.3151,
0.3177


 17.5576, 0.3745,
0.1853

 72.0157, 0.3111,
0.3370

 17.2940, 0.3775,
0.1853

 84.3987, 0.3077,
0.3553

 91.1964, 0.3051,
0.3616

 91.4239, 0.3028,
0.3571

 91.6570, 0.3005,
0.3527

Harmonies

Analogous

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



30.7271, 0.2536, 0.2066



30.7271, 0.3376, 0.2367



30.7271, 0.4253, 0.2853

Triad

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



30.7271, 0.3376, 0.2367



30.7271, 0.4290, 0.4643



30.7271, 0.1704, 0.2775

Complementary

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



30.7271, 0.3376, 0.2367



53.5477, 0.2955, 0.4442

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.



30.7271, 0.2052, 0.3668



30.7271, 0.3376, 0.2367



30.7271, 0.3534, 0.4918

Square

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



30.7271, 0.3376, 0.2367



30.7271, 0.4778, 0.4071



30.7271, 0.2714, 0.4566



30.7271, 0.1680, 0.2218

Rectangle

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



30.7271, 0.3376, 0.2367



30.7271, 0.4671, 0.3241



30.7271, 0.2714, 0.4566



30.7271, 0.1782, 0.3042

Sweetspot

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



30.7285, 0.3376, 0.2367



78.8626, 0.3189, 0.3008



22.4142, 0.2410, 0.1915



16.2602, 0.3200, 0.2963



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.



30.7285, 0.3376, 0.2367



39.0577, 0.3446, 0.2194



28.8952, 0.3953, 0.2911



12.5896, 0.3167, 0.3104



10.4696, 0.3765, 0.1848



0.6423, 0.3652, 0.1785

Inverse Universe

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



30.7285, 0.3376, 0.2367



39.0577, 0.3446, 0.2194



55.2163, 0.2682, 0.3722



12.5896, 0.3167, 0.3104



10.4696, 0.3765, 0.1848



0.6423, 0.3652, 0.1785

Previews

White Background



This preview shows how the Yxy color 30.7271, 0.3376, 0.2367 looks on a white background.

Color Contrast Check

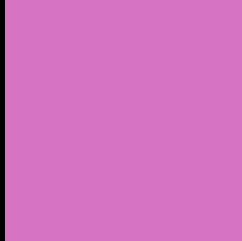
Large Text (above 18pt) WCAG AA × Fail

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 30.7271, 0.3376, 0.2367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

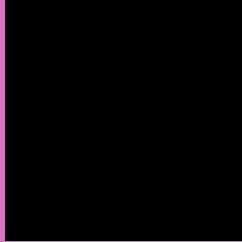
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7271, 0.3376, 0.2367

Background



This preview shows how black text looks on a background with the Yxy color 30.7271, 0.3376, 0.2367.



This preview shows how white text looks on a background with the Yxy color 30.7271, 0.3376, 0.2367.

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

30.7271, 0.3376, 0.2367

Protanopia

31.2514, 0.2397, 0.2301

Deuteranopia

30.9649, 0.2749, 0.2691



Tritanopia

30.5387, 0.3941, 0.3164

Trichromacy



Original Color

30.7271, 0.3376, 0.2367



Protanomaly

29.9654, 0.2681, 0.2296



Deuteranomaly

30.0278, 0.2960, 0.2539



Tritanomaly

30.6201, 0.3733, 0.2855

Monochromacy



Original Color

30.7271, 0.3376, 0.2367



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

30.8508, 0.3220, 0.2884

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7271, 0.3376, 0.2367 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(214, 116, 195)` looks like.

```
.text, #text, p{  
    color:rgb(214, 116, 195)  
}
```

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(214, 116, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 116, 195) }
```

Border

The CSS property to change the border of an element to Yxy 30.7271, 0.3376, 0.2367 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(214, 116, 195) }
```

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

```
.border{ border-color:rgb(214, 116, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 116, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 116, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 116, 195);  
box-shadow:4px 4px 4px 4px rgb(214, 116,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7271, 0.3376, 0.2367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 116, 195) }
```

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

```
.background{ background-color: rgb(214,  
116, 195) }
```

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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