

Converting Colors

$Yxy(33.0344, 0.3673, 0.2877)$

Have a look what the booklet for
Yxy(33.0344, 0.3673, 0.2877)
contains.

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Color

Yxy(32.9463, 0.3665, 0.2871)

Conversions

Conversions Part 1

Format	Color
Hex	D483A5
RGB	212, 131, 165
RGB Percent	83%, 51%, 65%
CMY	0.1687, 0.4862, 0.3528
CMYK	0.00, 0.38, 0.22, 0.17
HSL	335°, 48%, 67%
HSV	335°, 38%, 83%
XYZ	42.0579, 32.9463, 39.7513
YIQ	159.0950, 37.3620, 27.7460

Conversions

Conversions Part 2

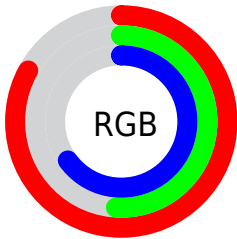
Format	Color
R _Y B	212, 131, 165
Decimal	13927333
CIE Lab	64.12, 35.68, -4.81
CIE LCh	64, 36.002, 352.324
Yxy	32.9463, 0.3665, 0.2871
Android (android.graphics.Color)	4292117413 (0xFFD483A5)
YUV	159.0950, 2.9112, 46.3977
Hunter-Lab	57.3989, 30.3443, -0.8818

Details

The Yxy color **32.9463, 0.3665, 0.2871** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **55.1193, 0.2792, 0.3759**, and the grayscale version is **34.6919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1252, 0.3432, 0.2933**, and **13.9975, 0.3846, 0.2753** is the 20% darker color. If you saturate the color by 10%, you get **27.3973, 0.3878, 0.2764**, and if you desaturate by 10%, it is **39.7064, 0.3485, 0.2984**.

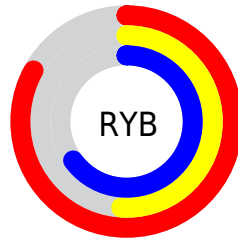
Distribution



Red (83%)

Green (51%)

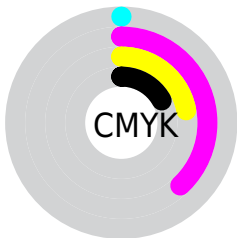
Blue (65%)



Red (83%)

Yellow (51%)

Blue (65%)

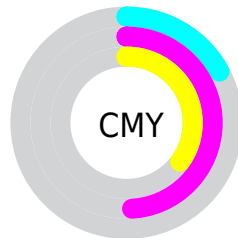


Cyan (0%)

Magenta (38%)

Yellow (22%)

Black (17%)



Cyan (17%)


Magenta (49%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9463, 0.3665, 0.2871 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 32.9463, 0.3665, 0.2871 by changing the saturation by 10% instead.


 32.9463, 0.3665,
0.2871


 32.9463, 0.3665,
0.2871


315.4077, 0.3384,
0.3087


 22.0853, 0.3739,
0.2815


 64.2917, 0.3560,
0.2951

 13.9196, 0.3838,
0.2742


 85.5449, 0.3521,
0.2981

 8.0648, 0.3973,
0.2642

 111.0309, 0.3489,
0.3005

 4.1364, 0.4171,
0.2500

141.1342, 0.3461,
0.3027

 1.7502, 0.4486,
0.2278

176.2391, 0.3438,
0.3045

 0.4558, 0.5197,
0.1699

216.7301, 0.3417,

 0.0000, 1.0000,

0.3061

0.0000

262.9915, 0.3399,
0.3075

0.0000, 0.0000,
0.0000

32.9463, 0.3665,
0.2871

32.9463, 0.3665,
0.2871

27.3973, 0.3878,
0.2764

39.7064, 0.3485,
0.2984

22.9819, 0.4123,
0.2673

47.7394, 0.3336,
0.3097

19.6210, 0.4398,
0.2608

57.1088, 0.3212,
0.3205

17.2233, 0.4692,
0.2584


67.8720, 0.3110,
0.3308

15.6814, 0.4989,
0.2610

80.0835, 0.3027,
0.3403

 14.8377, 0.5268,
0.2687

 91.7345, 0.2958,
0.3458

 14.7170, 0.5318,
0.2703

 92.4852, 0.2892,
0.3330

 92.7350, 0.2872,
0.3289

Harmonies

Analogous

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



32.9463, 0.3090, 0.2563



32.9463, 0.3665, 0.2871



32.9463, 0.4109, 0.3280

Triad

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



32.9463, 0.3665, 0.2871



32.9463, 0.3633, 0.4314



32.9463, 0.2113, 0.2709

Complementary

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



32.9463, 0.3665, 0.2871



55.1193, 0.2792, 0.3759

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.



32.9463, 0.2228, 0.3178



32.9463, 0.3665, 0.2871



32.9463, 0.3083, 0.4200

Square

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



32.9463, 0.3665, 0.2871



32.9463, 0.4069, 0.4107



32.9463, 0.2572, 0.3753



32.9463, 0.2233, 0.2451

Rectangle

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



32.9463, 0.3665, 0.2871



32.9463, 0.4245, 0.3574



32.9463, 0.2572, 0.3753



32.9463, 0.2125, 0.2844

Sweetspot

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



32.9479, 0.3665, 0.2871



82.3870, 0.3246, 0.3174



30.3231, 0.2832, 0.2254



17.2084, 0.3262, 0.3160



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.



32.9479, 0.3665, 0.2871



42.9377, 0.3839, 0.2782



33.3576, 0.4040, 0.3360



12.5065, 0.3226, 0.3192



9.1059, 0.5282, 0.2683



0.5656, 0.4838, 0.2439

Inverse Universe

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



32.9479, 0.3665, 0.2871



42.9377, 0.3839, 0.2782



54.0050, 0.2589, 0.3217



12.5065, 0.3226, 0.3192



9.1059, 0.5282, 0.2683



0.5656, 0.4838, 0.2439

Previews

White Background



This preview shows how the Yxy color 32.9463, 0.3665, 0.2871 looks on a white background.

Color Contrast Check

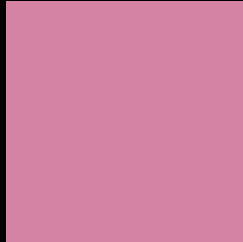
Large Text (above 18pt) WCAG AA × Fail

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 32.9463, 0.3665, 0.2871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

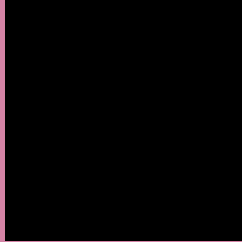
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9463, 0.3665, 0.2871

Background



This preview shows how black text looks on a background with the Yxy color 32.9463, 0.3665, 0.2871.



This preview shows how white text looks on a background with the Yxy color 32.9463, 0.3665, 0.2871.

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

32.9463, 0.3665, 0.2871

Protanopia

33.3173, 0.2872, 0.2924

Deuteranopia

33.0313, 0.3205, 0.3146



Tritanopia

33.0739, 0.3863, 0.3166

Trichromacy



Original Color

32.9463, 0.3665, 0.2871

Protanomaly

32.5372, 0.3126, 0.2885

Deuteranomaly

32.7455, 0.3370, 0.3043

Tritanomaly

33.1661, 0.3796, 0.3066

Monochromacy



Original Color

32.9463, 0.3665, 0.2871

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.5331, 0.3309, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9463, 0.3665, 0.2871 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(212, 131, 165)` looks like.

```
.text, #text, p{  
    color:rgb(212, 131, 165)  
}
```

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(212, 131, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 131, 165) }
```

Border

The CSS property to change the border of an element to Yxy 32.9463, 0.3665, 0.2871 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(212, 131, 165) }
```

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

```
.border{ border-color:rgb(212, 131, 165) }
```

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

Here you see how a box with a 4 pixel rgb(212, 131, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 131, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 131, 165);  
box-shadow:4px 4px 4px 4px rgb(212, 131,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9463, 0.3665, 0.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 131, 165) }
```

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

```
.background{ background-color: rgb(212,  
131, 165) }
```

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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