

Converting Colors

$Y_{xy}(32.6748, 0.3168, 0.2317)$

Have a look what the booklet for
Yxy(32.6748, 0.3168, 0.2317)
contains.

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Color

Yxy(32.6312, 0.3173, 0.2315)

Conversions

Conversions Part 1

Format	Color
Hex	D07DD0
RGB	208, 125, 208
RGB Percent	82%, 49%, 82%
CMY	0.1844, 0.5097, 0.1844
CMYK	0.00, 0.40, 0.00, 0.18
HSL	300°, 47%, 65%
HSV	300°, 40%, 82%
XYZ	44.7252, 32.6312, 63.5991
YIQ	159.2790, 22.8250, 43.4090

Conversions

Conversions Part 2

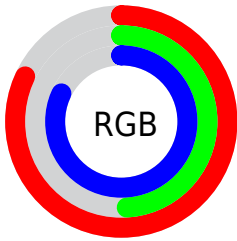
Format	Color
R _{YB}	208, 125, 208
Decimal	13663696
CIE _{Lab}	63.86, 44.67, -29.49
CIE _{LCh}	64, 53.531, 326.569
Yxy	32.6312, 0.3173, 0.2315
Android (android.graphics.Color)	4291853776 (0xFFD07DD0)
YUV	159.2790, 24.0195, 42.7283
Hunter-Lab	57.1237, 39.7906, -26.0244

Details

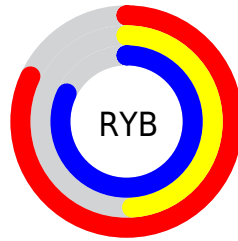
The Yxy color **32.6312, 0.3173, 0.2315** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **50.9471, 0.3070, 0.4505**, and the grayscale version is **34.6868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7202, 0.3162, 0.2546**, and **13.7404, 0.3170, 0.2066** is the 20% darker color. If you saturate the color by 10%, you get **27.9056, 0.3183, 0.2097**, and if you desaturate by 10%, it is **38.4623, 0.3162, 0.2553**.

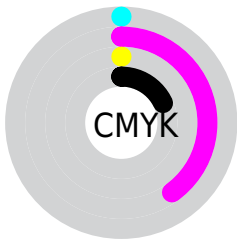
Distribution



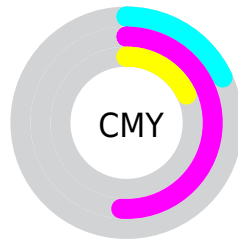
- Red (82%)
- Green (49%)
- Blue (82%)



- Red (82%)
- Yellow (49%)
- Blue (82%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (18%)




- Cyan (18%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6312, 0.3173, 0.2315 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 32.6312, 0.3173, 0.2315 by changing the saturation by 10% instead.


 32.6312, 0.3173,
0.2315


 32.6312, 0.3173,
0.2315


313.9846, 0.3165,
0.2788


 21.8441, 0.3171,
0.2203

 63.7993, 0.3173,
0.2483

 13.7424, 0.3165,
0.2062


 84.9491, 0.3173,
0.2547

 7.9417, 0.3153,
0.1882

 110.3219, 0.3171,
0.2602

 4.0577, 0.3127,
0.1645

140.3020, 0.3170,
0.2649

 1.7059, 0.3073,
0.1323

175.2740, 0.3169,
0.2690

 0.4275, 0.2985,
0.0759

215.6222, 0.3167,


 0.0000, 0.2453,

0.2727


0.0000


261.7309, 0.3166,
0.2759


 0.0000, 0.0000,
0.0000

 32.6312, 0.3173,
0.2315

 32.6312, 0.3173,
0.2315

 27.9056, 0.3183,
0.2097

 38.4623, 0.3162,
0.2553

 24.2116, 0.3192,
0.1908

 45.4578, 0.3150,
0.2800

 21.4737, 0.3199,
0.1755


 53.6778, 0.3138,
0.3049


 19.6036, 0.3205,
0.1644


 63.1768, 0.3127,
0.3293

 18.4972, 0.3208,
0.1576

 74.0062, 0.3116,
0.3525

 17.9648, 0.3209,
0.1542

 86.2145, 0.3106,
0.3744

 17.9598, 0.3209,
0.1542

 89.4813, 0.3103,
0.3796

 89.4814, 0.3103,
0.3796

 89.4816, 0.3103,
0.3796

Harmonies

Analogous

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



32.6312, 0.2409, 0.2071



32.6312, 0.3173, 0.2315



32.6312, 0.4035, 0.2753

Triad

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



32.6312, 0.3173, 0.2315



32.6312, 0.4389, 0.4491



32.6312, 0.1801, 0.2969

Complementary

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



32.6312, 0.3173, 0.2315



50.9471, 0.3070, 0.4505

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.



32.6312, 0.2214, 0.3865



32.6312, 0.3173, 0.2315



32.6312, 0.3703, 0.4836

Square

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



32.6312, 0.3173, 0.2315



32.6312, 0.4766, 0.3919



32.6312, 0.2907, 0.4641



32.6312, 0.1707, 0.2350

Rectangle

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



32.6312, 0.3173, 0.2315



32.6312, 0.4496, 0.3118



32.6312, 0.2907, 0.4641



32.6312, 0.1903, 0.3249

Sweetspot

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



32.6326, 0.3173, 0.2315



82.0063, 0.3141, 0.2993



23.5869, 0.2394, 0.2077



17.1723, 0.3143, 0.2961



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.



32.6326, 0.3173, 0.2315



45.1448, 0.3182, 0.2124



30.8514, 0.3619, 0.2773



12.0091, 0.3138, 0.3061



11.1954, 0.3209, 0.1542



0.6260, 0.3209, 0.1542

Inverse Universe

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



32.6326, 0.3173, 0.2315



45.1448, 0.3182, 0.2124



52.2373, 0.2819, 0.3882



12.0091, 0.3138, 0.3061



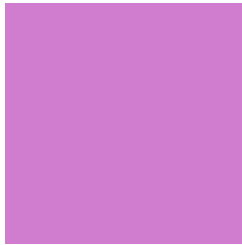
11.1954, 0.3209, 0.1542



0.6260, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 32.6312, 0.3173, 0.2315 looks on a white background.

Color Contrast Check

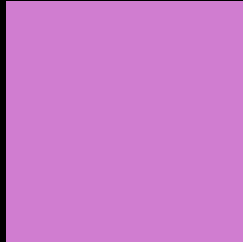
Large Text (above 18pt) WCAG AA × Fail

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 32.6312, 0.3173, 0.2315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

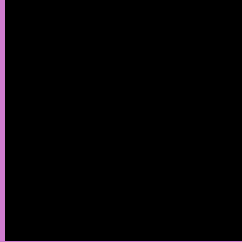
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6312, 0.3173, 0.2315

Background



This preview shows how black text looks on a background with the Yxy color 32.6312, 0.3173, 0.2315.



This preview shows how white text looks on a background with the Yxy color 32.6312, 0.3173, 0.2315.

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

32.6312, 0.3173, 0.2315

Protanopia

33.1628, 0.2357, 0.2251

Deuteranopia

33.0236, 0.2635, 0.2584



Tritanopia

32.5944, 0.3709, 0.3160

Trichromacy



Original Color

32.6312, 0.3173, 0.2315



Protanomaly

32.1879, 0.2601, 0.2256



Deuteranomaly

32.2682, 0.2805, 0.2461



Tritanomaly

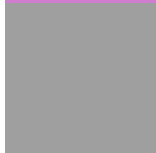
32.3738, 0.3508, 0.2820

Monochromacy



Original Color

32.6312, 0.3173, 0.2315



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

33.3889, 0.3146, 0.2878

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6312, 0.3173, 0.2315 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(208, 125, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 125, 208)  
}
```

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(208, 125, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 125, 208) }
```

Border

The CSS property to change the border of an element to Yxy 32.6312, 0.3173, 0.2315 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(208, 125, 208) }
```

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

```
.border{ border-color:rgb(208, 125, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 125, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 125, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 125, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 125,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6312, 0.3173, 0.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 125, 208) }
```

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

```
.background{ background-color: rgb(208,  
125, 208) }
```

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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