

Converting Colors

$Y_{xy}(32.2150, 0.3194, 0.2260)$

Have a look what the booklet for
Yxy(32.2150, 0.3194, 0.2260)
contains.

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Color

Yxy(32.3249, 0.3196, 0.2264)

Conversions

Conversions Part 1

Format	Color
Hex	D479D2
RGB	212, 121, 210
RGB Percent	83%, 47%, 82%
CMY	0.1685, 0.5256, 0.1764
CMYK	0.00, 0.43, 0.01, 0.17
HSL	301°, 51%, 65%
HSV	301°, 43%, 83%
XYZ	45.6318, 32.3249, 64.8211
YIQ	158.3550, 25.6670, 46.9710

Conversions

Conversions Part 2

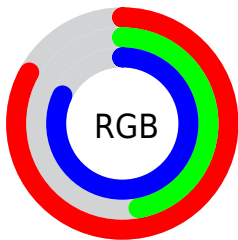
Format	Color
R_{YB}	212, 121, 210
Decimal	13924818
CIE _{Lab}	63.61, 48.36, -30.99
CIE _{LCh}	64, 57.440, 327.351
Yxy	32.3249, 0.3196, 0.2264
Android (android.graphics.Color)	4292114898 (0xFFD479D2)
YUV	158.3550, 25.4610, 47.0467
Hunter-Lab	56.8550, 43.7678, -27.7988

Details

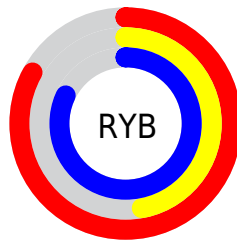
The Yxy color **32.3249, 0.3196, 0.2264** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **52.5997, 0.3054, 0.4588**, and the grayscale version is **34.2348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5307, 0.3163, 0.2517**, and **13.4694, 0.3188, 0.1997** is the 20% darker color. If you saturate the color by 10%, you get **27.7047, 0.3212, 0.2056**, and if you desaturate by 10%, it is **38.0805, 0.3179, 0.2493**.

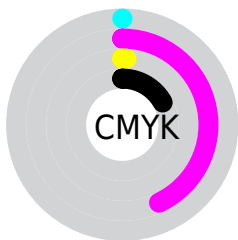
Distribution



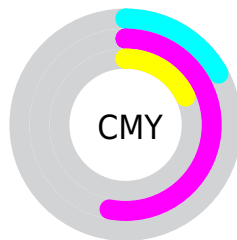
- Red (83%)
- Green (47%)
- Blue (82%)



- Red (83%)
- Yellow (47%)
- Blue (82%)



- Cyan (0%)
- Magenta (43%)
- Yellow (1%)
- Black (17%)





- Cyan (17%)
- Magenta (53%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3249, 0.3196, 0.2264 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 32.3249, 0.3196, 0.2264 by changing the saturation by 10% instead.


 32.3249, 0.3196,
0.2264


 32.3249, 0.3196,
0.2264


312.5966, 0.3178,
0.2759

 21.6098, 0.3196,
0.2147


 63.3201, 0.3193,
0.2439

 13.5705, 0.3192,
0.2002


 84.3689, 0.3191,
0.2506

 7.8225, 0.3183,
0.1817


 109.6312, 0.3189,
0.2563

 3.9816, 0.3161,
0.1574

139.4911, 0.3186,
0.2613

 1.6633, 0.3111,
0.1248

174.3333, 0.3184,
0.2656

 0.3997, 0.3031,
0.0679

214.5420, 0.3182,

 0.0000, 0.2577,

0.2695

0.0000

260.5016, 0.3180,
0.2729

0.0000, 0.0000,
0.0000

32.3249, 0.3196,
0.2264

32.3249, 0.3196,
0.2264

27.7047, 0.3212,
0.2056

38.0805, 0.3179,
0.2493

24.1405, 0.3227,
0.1880

45.0354, 0.3163,
0.2735

21.5497, 0.3240,
0.1741


53.2539, 0.3147,
0.2980

19.8356, 0.3251,
0.1645

62.7943, 0.3131,
0.3221

18.8814, 0.3260,
0.1592

73.7115, 0.3117,
0.3452

 18.5246, 0.3266,
0.1573

 86.0571, 0.3104,
0.3670

 90.3427, 0.3099,
0.3734

 90.3666, 0.3096,
0.3729

 90.3906, 0.3093,
0.3724

Harmonies

Analogous

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



32.3249, 0.2375, 0.2001



32.3249, 0.3196, 0.2264



32.3249, 0.4124, 0.2729

Triad

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



32.3249, 0.3196, 0.2264



32.3249, 0.4447, 0.4572



32.3249, 0.1709, 0.2914

Complementary

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



32.3249, 0.3196, 0.2264



52.5997, 0.3054, 0.4588

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.



32.3249, 0.2131, 0.3882



32.3249, 0.3196, 0.2264



32.3249, 0.3705, 0.4956

Square

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



32.3249, 0.3196, 0.2264



32.3249, 0.4874, 0.3956



32.3249, 0.2859, 0.4744



32.3249, 0.1623, 0.2268

Rectangle

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



32.3249, 0.3196, 0.2264



32.3249, 0.4615, 0.3113



32.3249, 0.2859, 0.4744



32.3249, 0.1811, 0.3212

Sweetspot

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



32.3263, 0.3196, 0.2264



80.5957, 0.3147, 0.2975



22.5985, 0.2339, 0.1971



16.6203, 0.3151, 0.2921



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.



32.3263, 0.3196, 0.2264



42.3098, 0.3211, 0.2064



30.3884, 0.3692, 0.2750



12.6277, 0.3141, 0.3065



11.4336, 0.3265, 0.1572



0.6912, 0.3255, 0.1567

Inverse Universe

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



32.3263, 0.3196, 0.2264



42.3098, 0.3211, 0.2064



53.9979, 0.2791, 0.3914



12.6277, 0.3141, 0.3065



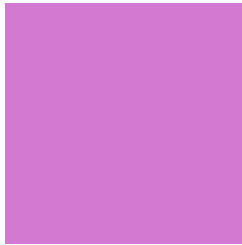
11.4336, 0.3265, 0.1572



0.6912, 0.3255, 0.1567

Previews

White Background



This preview shows how the Yxy color 32.3249, 0.3196, 0.2264 looks on a white background.

Color Contrast Check

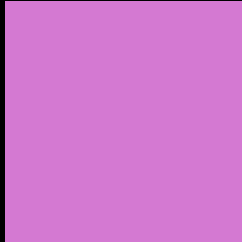
Large Text (above 18pt) WCAG AA × Fail

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 32.3249, 0.3196, 0.2264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

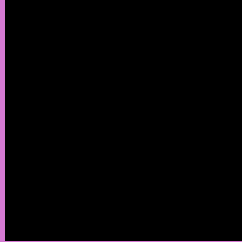
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3249, 0.3196, 0.2264

Background



This preview shows how black text looks on a background with the Yxy color 32.3249, 0.3196, 0.2264.



This preview shows how white text looks on a background with the Yxy color 32.3249, 0.3196, 0.2264.

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

32.3249, 0.3196, 0.2264

Protanopia

32.8146, 0.2303, 0.2179

Deuteranopia

32.5669, 0.2610, 0.2554



Tritanopia

32.2096, 0.3797, 0.3162

Trichromacy



Original Color

32.3249, 0.3196, 0.2264



Protanomaly

31.7088, 0.2563, 0.2187



Deuteranomaly

31.7215, 0.2796, 0.2423



Tritanomaly

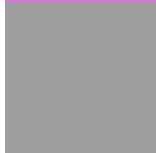
32.0952, 0.3568, 0.2802

Monochromacy



Original Color

32.3249, 0.3196, 0.2264



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.8901, 0.3158, 0.2852

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3249, 0.3196, 0.2264 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, 121, 210)` looks like.

```
.text, #text, p{  
    color:rgb(212, 121, 210)  
}
```

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, 121, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 121, 210) }
```

Border

The CSS property to change the border of an element to Yxy 32.3249, 0.3196, 0.2264 is called "border". The border property can be set on classes, ids or directly on the HTML element.

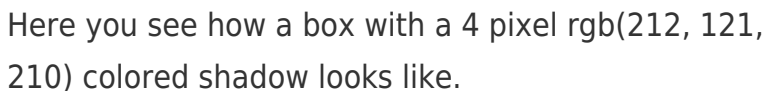
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 121, 210) }
```

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

```
.border{ border-color:rgb(212, 121, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 121, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 121, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 121, 210); box-shadow:4px 4px 4px 4px rgb(212, 121, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3249, 0.3196, 0.2264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 121, 210) }
```

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

```
.background{ background-color: rgb(212,  
121, 210) }
```

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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