

Converting Colors

$Y_{xy}(32.3205, 0.3568, 0.2782)$

Have a look what the booklet for
Yxy(32.3205, 0.3568, 0.2782)
contains.

Yxy(32.4608, 0.3567, 0.2782)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.4608, 0.3567, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	D182AB
RGB	209, 130, 171
RGB Percent	82%, 51%, 67%
CMY	0.1805, 0.4901, 0.3294
CMYK	0.00, 0.38, 0.18, 0.18
HSL	329°, 46%, 66%
HSV	329°, 38%, 82%
XYZ	41.6203, 32.4608, 42.6004
YIQ	158.2950, 33.9230, 29.4990

Conversions

Conversions Part 2

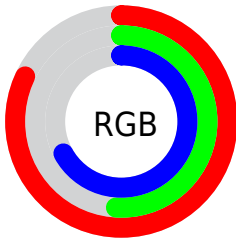
Format	Color
R_{YB}	209, 130, 171
Decimal	13730475
CIE Lab	63.72, 36.06, -8.83
CIE LCh	64, 37.123, 346.244
Yxy	32.4608, 0.3567, 0.2782
Android (android.graphics.Color)	4291920555 (0xFFD182AB)
YUV	158.2950, 6.2636, 44.4683
Hunter-Lab	56.9744, 30.6907, -4.4498

Details

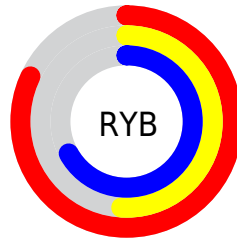
The Yxy color **32.4608, 0.3567, 0.2782** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.1581, 0.2842, 0.3867**, and the grayscale version is **34.2937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0320, 0.3384, 0.2864**, and **13.6962, 0.3702, 0.2632** is the 20% darker color. If you saturate the color by 10%, you get **27.0863, 0.3738, 0.2651**, and if you desaturate by 10%, it is **38.9963, 0.3421, 0.2920**.

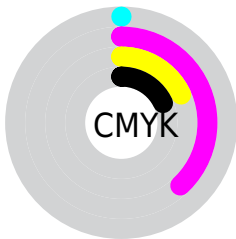
Distribution



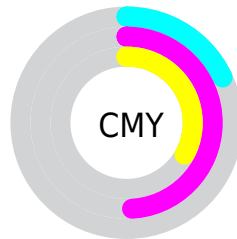
- Red (82%)
- Green (51%)
- Blue (67%)



- Red (82%)
- Yellow (51%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (18%)





- Cyan (18%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4608, 0.3567, 0.2782 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 32.4608, 0.3567, 0.2782 by changing the saturation by 10% instead.


 32.4608, 0.3567,
0.2782


 32.4608, 0.3567,
0.2782


313.2130, 0.3339,
0.3041


 21.7137, 0.3626,
0.2716


 63.5328, 0.3482,
0.2877

 13.6467, 0.3704,
0.2630


 84.6265, 0.3451,
0.2913

 7.8753, 0.3811,
0.2515


 109.9378, 0.3425,
0.2942

 4.0153, 0.3965,
0.2351

139.8512, 0.3403,
0.2968

 1.6821, 0.4207,
0.2103

174.7510, 0.3383,
0.2990

 0.4120, 0.4767,
0.1456

215.0216, 0.3367,

 0.0000, 1.0000,

0.3009

0.0000

261.0475, 0.3352,
0.3026

0.0000, 0.0000,
0.0000

32.4608, 0.3567,
0.2782

32.4608, 0.3567,
0.2782

27.0863, 0.3738,
0.2651

38.9963, 0.3421,
0.2920

22.7989, 0.3933,
0.2535

46.7518, 0.3298,
0.3058

19.5232, 0.4149,
0.2447

55.7879, 0.3195,
0.3191

17.1720, 0.4380,
0.2398


66.1595, 0.3110,
0.3317

15.6433, 0.4616,
0.2400

77.9186, 0.3039,
0.3435

 14.7922, 0.4844,
0.2455

 90.8565, 0.2981,
0.3539

 14.6429, 0.4895,
0.2470

 91.4418, 0.2926,
0.3432

 92.0602, 0.2873,
0.3326

 92.2902, 0.2855,
0.3289

Harmonies

Analogous

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



32.4608, 0.2969, 0.2493



32.4608, 0.3567, 0.2782



32.4608, 0.4072, 0.3187

Triad

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



32.4608, 0.3567, 0.2782



32.4608, 0.3754, 0.4330



32.4608, 0.2085, 0.2769

Complementary

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



32.4608, 0.3567, 0.2782



53.1581, 0.2842, 0.3867

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.



32.4608, 0.2252, 0.3290



32.4608, 0.3567, 0.2782



32.4608, 0.3196, 0.4291

Square

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



32.4608, 0.3567, 0.2782



32.4608, 0.4165, 0.4061



32.4608, 0.2648, 0.3885



32.4608, 0.2160, 0.2457

Rectangle

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



32.4608, 0.3567, 0.2782



32.4608, 0.4259, 0.3488



32.4608, 0.2648, 0.3885



32.4608, 0.2113, 0.2923

Sweetspot

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



32.4623, 0.3567, 0.2782



82.5522, 0.3227, 0.3147



28.7741, 0.2762, 0.2245



17.2477, 0.3241, 0.3129



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.



32.4623, 0.3567, 0.2782



44.2508, 0.3697, 0.2679



31.2059, 0.4019, 0.3259



11.9093, 0.3210, 0.3170



9.0519, 0.4864, 0.2453



0.5221, 0.4479, 0.2241

Inverse Universe

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



32.4623, 0.3567, 0.2782



44.2508, 0.3697, 0.2679



54.8038, 0.2619, 0.3324



11.9093, 0.3210, 0.3170



9.0519, 0.4864, 0.2453



0.5221, 0.4479, 0.2241

Previews

White Background



This preview shows how the Yxy color 32.4608, 0.3567, 0.2782 looks on a white background.

Color Contrast Check

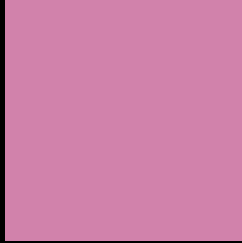
Large Text (above 18pt) WCAG AA × Fail

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 32.4608, 0.3567, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

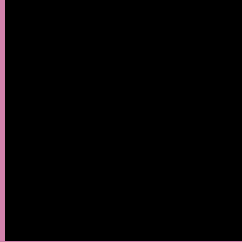
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4608, 0.3567, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 32.4608, 0.3567, 0.2782.



This preview shows how white text looks on a background with the Yxy color 32.4608, 0.3567, 0.2782.

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

32.4608, 0.3567, 0.2782

Protanopia

32.6235, 0.2796, 0.2809

Deuteranopia

32.4952, 0.3109, 0.3044



Tritanopia

32.4941, 0.3819, 0.3164

Trichromacy



Original Color

32.4608, 0.3567, 0.2782

Protanomaly

32.1330, 0.3041, 0.2788

Deuteranomaly

32.1754, 0.3269, 0.2945

Tritanomaly

32.3735, 0.3732, 0.3024

Monochromacy



Original Color

32.4608, 0.3567, 0.2782

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.1713, 0.3281, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4608, 0.3567, 0.2782 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(209, 130, 171)` looks like.

```
.text, #text, p{  
    color:rgb(209, 130, 171)  
}
```

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(209, 130, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 130, 171) }
```

Border

The CSS property to change the border of an element to Yxy 32.4608, 0.3567, 0.2782 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(209, 130, 171) }
```

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

```
.border{ border-color:rgb(209, 130, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 130, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 130, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 130, 171);  
box-shadow:4px 4px 4px 4px rgb(209, 130,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4608, 0.3567, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 130, 171) }
```

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

```
.background{ background-color: rgb(209,  
130, 171) }
```

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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