

Converting Colors

$Y_{xy}(32.5768, 0.3366, 0.2910)$

Have a look what the booklet for
Yxy(32.5768, 0.3366, 0.2910)
contains.

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Color

Yxy(32.5679, 0.3368, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	BE8CA9
RGB	190, 140, 169
RGB Percent	75%, 55%, 66%
CMY	0.2547, 0.4511, 0.3372
CMYK	0.00, 0.26, 0.11, 0.25
HSL	325°, 28%, 65%
HSV	325°, 26%, 75%
XYZ	37.7846, 32.5679, 41.8346
YIQ	158.2560, 20.4910, 19.6190

Conversions

Conversions Part 2

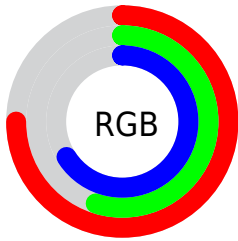
Format	Color
R _Y B	190, 140, 169
Decimal	12487849
CIE Lab	63.81, 23.64, -7.79
CIE LCh	64, 24.891, 341.751
Yxy	32.5679, 0.3368, 0.2903
Android (android.graphics.Color)	4290677929 (0xFFBE8CA9)
YUV	158.2560, 5.2968, 27.8395
Hunter-Lab	57.0683, 18.3143, -3.5154

Details

The Yxy color $32.5679, 0.3368, 0.2903$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $44.9969, 0.2943, 0.3713$, and the grayscale version is $34.2847, 0.3127, 0.3290$.

A 20% lighter version of the original color is $63.7395, 0.3324, 0.2980$, and $13.6634, 0.3444, 0.2779$ is the 20% darker color. If you saturate the color by 10%, you get $27.1967, 0.3491, 0.2751$, and if you desaturate by 10%, it is $38.9195, 0.3263, 0.3055$.

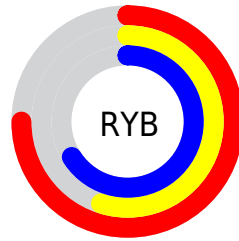
Distribution



Red (75%)

Green (55%)

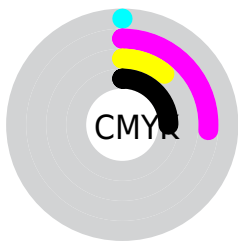
Blue (66%)



Red (75%)

Yellow (55%)

Blue (66%)

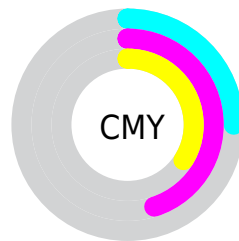


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (45%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5679, 0.3368, 0.2903 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 32.5679, 0.3368, 0.2903 by changing the saturation by 10% instead.


 32.5679, 0.3368,
0.2903


 32.5679, 0.3368,
0.2903


313.6982, 0.3243,
0.3102


 21.7956, 0.3401,
0.2852


 63.7003, 0.3322,
0.2977

 13.7068, 0.3443,
0.2784


 84.8293, 0.3305,
0.3004

 7.9170, 0.3502,
0.2693


 110.1792, 0.3290,
0.3027

 4.0419, 0.3586,
0.2562

140.1346, 0.3278,
0.3046

 1.6970, 0.3720,
0.2358

175.0798, 0.3268,
0.3063

 0.4217, 0.4086,
0.1749

215.3992, 0.3258,

 0.0000, 0.0000,

0.3078

0.0000

261.4772, 0.3250,
0.3091

■ 32.5679, 0.3368,
0.2903

■ 32.5679, 0.3368,
0.2903

■ 27.1967, 0.3491,
0.2751

■ 38.9195, 0.3263,
0.3055

■ 22.7518, 0.3634,
0.2604

■ 46.2933, 0.3175,
0.3201

■ 19.1808, 0.3796,
0.2472

■ 54.7337, 0.3102,
0.3340

■ 16.4240, 0.3975,
0.2366

■ 64.2815, 0.3041,
0.3469

■ 14.4140, 0.4167,
0.2297

■ 74.9751, 0.2990,
0.3589

■ 13.0729, 0.4363,
0.2275

■ 86.8512, 0.2948,
0.3699

■ 12.2990, 0.4556,
0.2305

■ 87.9056, 0.2906,
0.3619

■ 12.0834, 0.4627,
0.2323

■ 88.3516, 0.2864,
0.3529

■ 88.8182, 0.2823,
0.3441

Harmonies

Analogous

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



32.5679, 0.2969, 0.2713



32.5679, 0.3368, 0.2903



32.5679, 0.3717, 0.3185

Triad

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



32.5679, 0.3368, 0.2903



32.5679, 0.3613, 0.3975



32.5679, 0.2412, 0.2997

Complementary

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



32.5679, 0.3368, 0.2903



44.9969, 0.2943, 0.3713

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.



32.5679, 0.2562, 0.3360



32.5679, 0.3368, 0.2903



32.5679, 0.3247, 0.3961

Square

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



32.5679, 0.3368, 0.2903



32.5679, 0.3858, 0.3795



32.5679, 0.2863, 0.3729



32.5679, 0.2438, 0.2748

Rectangle

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



32.5679, 0.3368, 0.2903



32.5679, 0.3863, 0.3397



32.5679, 0.2863, 0.3729



32.5679, 0.2443, 0.3110

Sweetspot

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



32.5694, 0.3368, 0.2903



81.3180, 0.3190, 0.3175



30.0315, 0.2870, 0.2585



17.3940, 0.3203, 0.3153



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.5694, 0.3368, 0.2903



52.7757, 0.3442, 0.2809



31.7228, 0.3637, 0.3234



9.6266, 0.3200, 0.3158



8.0459, 0.4603, 0.2310



0.3280, 0.4184, 0.2079

Inverse Universe

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



32.5694, 0.3368, 0.2903



52.7757, 0.3442, 0.2809



45.9629, 0.2774, 0.3348



9.6266, 0.3200, 0.3158



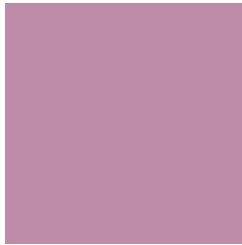
8.0459, 0.4603, 0.2310



0.3280, 0.4184, 0.2079

Previews

White Background



This preview shows how the Yxy color 32.5679, 0.3368, 0.2903 looks on a white background.

Color Contrast Check

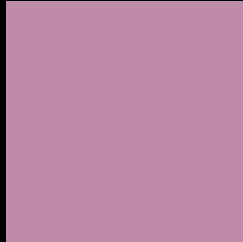
Large Text (above 18pt) WCAG AA × Fail

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 32.5679, 0.3368, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

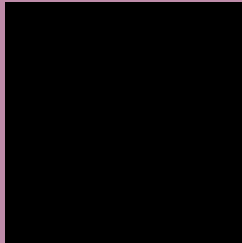
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5679, 0.3368, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 32.5679, 0.3368, 0.2903.



This preview shows how white text looks on a background with the Yxy color 32.5679, 0.3368, 0.2903.

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

32.5679, 0.3368, 0.2903

Protanopia

32.9049, 0.2888, 0.2937

Deuteranopia

32.4952, 0.3109, 0.3044



Tritanopia

32.6694, 0.3499, 0.3141

Trichromacy



Original Color

32.5679, 0.3368, 0.2903

Protanomaly

32.5894, 0.3046, 0.2919

Deuteranomaly

32.2692, 0.3193, 0.2980

Tritanomaly

32.6680, 0.3458, 0.3060

Monochromacy



Original Color

32.5679, 0.3368, 0.2903

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.2879, 0.3215, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5679, 0.3368, 0.2903 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(190, 140, 169)` looks like.

```
.text, #text, p{  
    color:rgb(190, 140, 169)  
}
```

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(190, 140, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 140, 169) }
```

Border

The CSS property to change the border of an element to Yxy 32.5679, 0.3368, 0.2903 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(190, 140, 169) }
```

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

```
.border{ border-color:rgb(190, 140, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 140, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 140, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 140, 169);  
box-shadow:4px 4px 4px 4px rgb(190, 140,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5679, 0.3368, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 140, 169) }
```

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

```
.background{ background-color: rgb(190,  
140, 169) }
```

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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