

Converting Colors

$Y_{xy}(34.6891, 0.3520, 0.3109)$

Have a look what the booklet for
Yxy(34.6891, 0.3520, 0.3109)
contains.

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Color

Yxy(34.7967, 0.3523, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	C4929F
RGB	196, 146, 159
RGB Percent	77%, 57%, 62%
CMY	0.2316, 0.4273, 0.3765
CMYK	0.00, 0.25, 0.19, 0.23
HSL	344°, 30%, 67%
HSV	344°, 25%, 77%
XYZ	39.2913, 34.7967, 37.4399
YIQ	162.4320, 25.6270, 14.6430

Conversions

Conversions Part 2

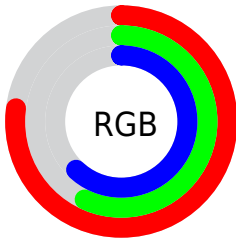
Format	Color
R_{YB}	196, 146, 159
Decimal	12882591
CIE Lab	65.59, 20.79, 0.56
CIE LCh	66, 20.794, 1.533
Yxy	34.7967, 0.3523, 0.3120
Android (android.graphics.Color)	4291072671 (0xFFC4929F)
YUV	162.4320, -1.6920, 29.4391
Hunter-Lab	58.9887, 15.6652, 3.6610

Details

The Yxy color **34.7967, 0.3523, 0.3120** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9899, 0.2841, 0.3468**, and the grayscale version is **36.3430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0462, 0.3441, 0.3147**, and **14.9298, 0.3641, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **28.7901, 0.3744, 0.3050**, and if you desaturate by 10%, it is **41.9011, 0.3342, 0.3189**.

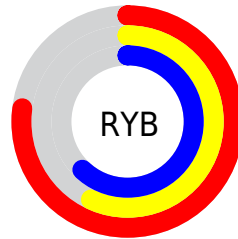
Distribution



Red (77%)

Green (57%)

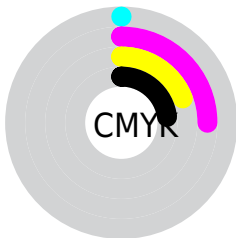
Blue (62%)



Red (77%)

Yellow (57%)

Blue (62%)

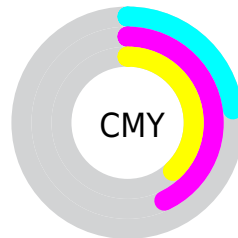


Cyan (0%)

Magenta (25%)

Yellow (19%)

Black (23%)



Cyan (23%)


Magenta (43%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7967, 0.3523, 0.3120 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 34.7967, 0.3523, 0.3120 by changing the saturation by 10% instead.


 34.7967, 0.3523,
0.3120


 34.7967, 0.3523,
0.3120


323.6701, 0.3315,
0.3210

 23.5063, 0.3578,
0.3096


 67.1707, 0.3445,
0.3154

 14.9678, 0.3652,
0.3064


 89.0231, 0.3416,
0.3166

 8.7968, 0.3753,
0.3020


115.1650, 0.3393,
0.3176

 4.6089, 0.3903,
0.2955

145.9807, 0.3372,
0.3185

 2.0197, 0.4145,
0.2848

181.8547, 0.3355,
0.3193

 0.6189, 0.4723,
0.2605

223.1713, 0.3340,

 0.0000, 1.0000,

0.3199

0.0000

270.3150, 0.3327,
0.3205

0.0000, 0.0000,
0.0000

34.7967, 0.3523,
0.3120

34.7967, 0.3523,
0.3120

28.7901, 0.3744,
0.3050

41.9011, 0.3342,
0.3189

23.8216, 0.4010,
0.2983

50.1495, 0.3196,
0.3256

19.8334, 0.4323,
0.2926

59.5911, 0.3076,
0.3317

16.7596, 0.4679,
0.2889

70.2711, 0.2979,
0.3374

14.5264, 0.5062,
0.2883

82.2321, 0.2900,
0.3426

■ 13.0486, 0.5440,
0.2916

■ 89.9054, 0.2829,
0.3384

■ 12.2213, 0.5775,
0.2991

■ 90.4692, 0.2783,
0.3289

■ 11.9670, 0.5909,
0.3029

Harmonies

Analogous

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



34.7967, 0.3215, 0.2905



34.7967, 0.3523, 0.3120



34.7967, 0.3725, 0.3382

Triad

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



34.7967, 0.3523, 0.3120



34.7967, 0.3337, 0.3858



34.7967, 0.2534, 0.2904

Complementary

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



34.7967, 0.3523, 0.3120



48.9899, 0.2841, 0.3468

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.



34.7967, 0.2563, 0.3149



34.7967, 0.3523, 0.3120



34.7967, 0.3017, 0.3725

Square

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



34.7967, 0.3523, 0.3120



34.7967, 0.3611, 0.3817



34.7967, 0.2736, 0.3456



34.7967, 0.2652, 0.2777

Rectangle

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



34.7967, 0.3523, 0.3120



34.7967, 0.3767, 0.3556



34.7967, 0.2736, 0.3456



34.7967, 0.2527, 0.2975

Sweetspot

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



34.7983, 0.3523, 0.3120



86.7329, 0.3232, 0.3239



34.5726, 0.3029, 0.2638



18.0645, 0.3253, 0.3229



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.



34.7983, 0.3523, 0.3120



56.2980, 0.3650, 0.3078



38.1489, 0.3623, 0.3446



10.1199, 0.3249, 0.3230



7.7058, 0.5874, 0.3010



0.3447, 0.5218, 0.2648

Inverse Universe

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



34.7983, 0.3523, 0.3120



56.2980, 0.3650, 0.3078



44.5036, 0.2743, 0.3128



10.1199, 0.3249, 0.3230



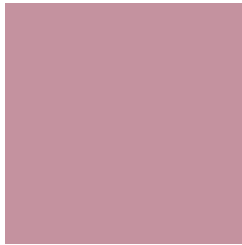
7.7058, 0.5874, 0.3010



0.3447, 0.5218, 0.2648

Previews

White Background



This preview shows how the Yxy color 34.7967, 0.3523, 0.3120 looks on a white background.

Color Contrast Check

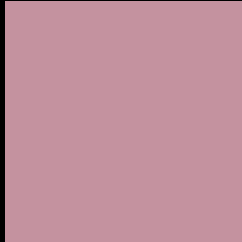
Large Text (above 18pt) WCAG AA × Fail

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 34.7967, 0.3523, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

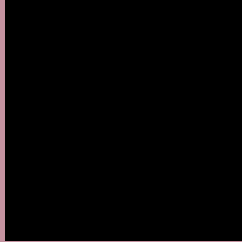
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7967, 0.3523, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 34.7967, 0.3523, 0.3120.



This preview shows how white text looks on a background with the Yxy color 34.7967, 0.3523, 0.3120.

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

34.7967, 0.3523, 0.3120

Protanopia

35.0230, 0.3075, 0.3188

Deuteranopia

34.7756, 0.3320, 0.3248



Tritanopia

34.7622, 0.3534, 0.3133

Trichromacy



Original Color

34.7967, 0.3523, 0.3120

Protanomaly

34.6398, 0.3233, 0.3163

Deuteranomaly

34.6691, 0.3387, 0.3194

Tritanomaly

34.7622, 0.3534, 0.3133

Monochromacy



Original Color

34.7967, 0.3523, 0.3120

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.3488, 0.3259, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7967, 0.3523, 0.3120 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(196, 146, 159)` looks like.

```
.text, #text, p{  
    color:rgb(196, 146, 159)  
}
```

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(196, 146, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 146, 159) }
```

Border

The CSS property to change the border of an element to Yxy 34.7967, 0.3523, 0.3120 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(196, 146, 159) }
```

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

```
.border{ border-color:rgb(196, 146, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 146, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 146, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 146, 159);  
box-shadow:4px 4px 4px 4px rgb(196, 146,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7967, 0.3523, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 146, 159) }
```

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

```
.background{ background-color: rgb(196,  
146, 159) }
```

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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