

Converting Colors

$Yxy(34.1427, 0.3151, 0.2766)$

Have a look what the booklet for
Yxy(34.1427, 0.3151, 0.2766)
contains.

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Color

Yxy(34.0679, 0.3152, 0.2761)

Conversions

Conversions Part 1

Format	Color
Hex	B991B9
RGB	185, 145, 185
RGB Percent	73%, 57%, 73%
CMY	0.2745, 0.4314, 0.2745
CMYK	0.00, 0.22, 0.00, 0.27
HSL	300°, 22%, 65%
HSV	300°, 22%, 73%
XYZ	38.8924, 34.0679, 50.4294
YIQ	161.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

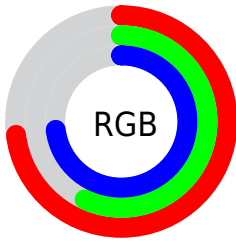
Format	Color
R_{YB}	185, 145, 185
Decimal	12161465
CIE _{Lab}	65.02, 21.99, -15.06
CIE _{LCh}	65, 26.655, 325.605
Yxy	34.0679, 0.3152, 0.2761
Android (android.graphics.Color)	4290351545 (0xFFB991B9)
YUV	161.5200, 11.5756, 20.5920
Hunter-Lab	58.3677, 16.7973, -10.3688

Details

The Yxy color **34.0679, 0.3152, 0.2761** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.7667, 0.3099, 0.3883**, and the grayscale version is **35.8377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8985, 0.3147, 0.2858**, and **14.4966, 0.3145, 0.2601** is the 20% darker color. If you saturate the color by 10%, you get **28.8682, 0.3163, 0.2516**, and if you desaturate by 10%, it is **40.1913, 0.3140, 0.3008**.

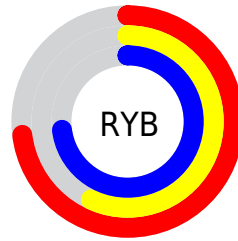
Distribution



Red (73%)

Green (57%)

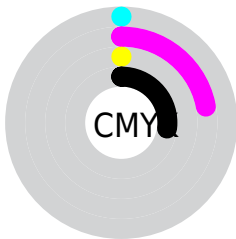
Blue (73%)



Red (73%)

Yellow (57%)

Blue (73%)

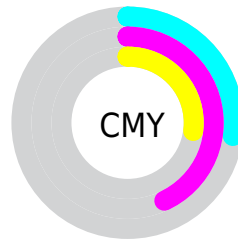


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (43%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.0679, 0.3152, 0.2761 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 34.0679, 0.3152, 0.2761 by changing the saturation by 10% instead.


 34.0679, 0.3152,
0.2761

 34.0679, 0.3152,
0.2761


320.4347, 0.3144,
0.3028

 22.9458, 0.3153,
0.2694


 66.0392, 0.3150,
0.2859

 14.5535, 0.3153,
0.2607


 87.6572, 0.3149,
0.2895

 8.5066, 0.3152,
0.2491


113.5427, 0.3148,
0.2926

 4.4208, 0.3147,
0.2329

144.0799, 0.3147,
0.2952

 1.9116, 0.3132,
0.2086

179.6533, 0.3146,
0.2975

 0.5553, 0.3121,
0.1597

220.6473, 0.3145,

 0.0000, 0.0270,

0.2995

0.0000

267.4463, 0.3144,
0.3012

■ 0.0000, 0.0000,
0.0000

■ 34.0679, 0.3152,
0.2761

■ 34.0679, 0.3152,
0.2761

■ 28.8682, 0.3163,
0.2516

■ 40.1913, 0.3140,
0.3008

■ 24.5432, 0.3174,
0.2283

■ 47.2754, 0.3129,
0.3251

■ 21.0463, 0.3184,
0.2070

■ 55.3607, 0.3118,
0.3484

■ 18.3245, 0.3193,
0.1886

■ 64.4840, 0.3108,
0.3704

■ 16.3189, 0.3200,
0.1740

■ 74.6801, 0.3098,
0.3908

■ 14.9622, 0.3205,
0.1634

■ 85.3391, 0.3090,
0.4086

■ 14.1742, 0.3208,
0.1571

■ 85.3391, 0.3090,
0.4086

■ 13.8185, 0.3209,
0.1542

■ 85.3392, 0.3090,
0.4086

■ 85.3392, 0.3090,
0.4086

Harmonies

Analogous

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



34.0679, 0.2756, 0.2631



34.0679, 0.3152, 0.2761



34.0679, 0.3566, 0.3011

Triad

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



34.0679, 0.3152, 0.2761



34.0679, 0.3800, 0.3929



34.0679, 0.2437, 0.3176

Complementary

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



34.0679, 0.3152, 0.2761



42.7667, 0.3099, 0.3883

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.



34.0679, 0.2685, 0.3583



34.0679, 0.3152, 0.2761



34.0679, 0.3469, 0.4037

Square

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



34.0679, 0.3152, 0.2761



34.0679, 0.3952, 0.3663



34.0679, 0.3060, 0.3913



34.0679, 0.2365, 0.2840

Rectangle

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



34.0679, 0.3152, 0.2761



34.0679, 0.3786, 0.3220



34.0679, 0.3060, 0.3913



34.0679, 0.2502, 0.3310

Sweetspot

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



34.0694, 0.3152, 0.2761



78.7687, 0.3134, 0.3144



29.7735, 0.2769, 0.2697



16.8044, 0.3135, 0.3128



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



34.0694, 0.3152, 0.2761



56.3399, 0.3158, 0.2643



33.2830, 0.3348, 0.3018



9.1627, 0.3138, 0.3065



9.4079, 0.3209, 0.1542



0.3317, 0.3209, 0.1542

Inverse Universe

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



34.0694, 0.3152, 0.2761



56.3399, 0.3158, 0.2643



43.4391, 0.2952, 0.3579



9.1627, 0.3138, 0.3065



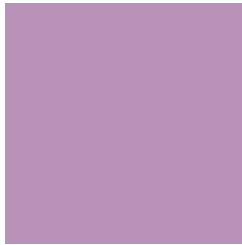
9.4079, 0.3209, 0.1542



0.3317, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 34.0679, 0.3152, 0.2761 looks on a white background.

Color Contrast Check

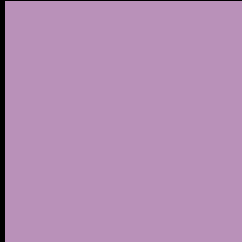
Large Text (above 18pt) WCAG AA × Fail

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 34.0679, 0.3152, 0.2761 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 34.0679, 0.3152, 0.2761

Background



This preview shows how black text looks on a background with the Yxy color 34.0679, 0.3152, 0.2761.



This preview shows how white text looks on a background with the Yxy color 34.0679, 0.3152, 0.2761.

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

34.0679, 0.3152, 0.2761

Protanopia

34.4482, 0.2763, 0.2778

Deuteranopia

34.1072, 0.2938, 0.2879



Tritanopia

34.0132, 0.3351, 0.3125

Trichromacy



Original Color

34.0679, 0.3152, 0.2761

Protanomaly

34.2867, 0.2897, 0.2776

Deuteranomaly

34.1400, 0.3013, 0.2834

Tritanomaly

34.1494, 0.3273, 0.2991

Monochromacy



Original Color

34.0679, 0.3152, 0.2761

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.2253, 0.3136, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0679, 0.3152, 0.2761 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(185, 145, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 145, 185)  
}
```

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(185, 145, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 145, 185) }
```

Border

The CSS property to change the border of an element to Yxy 34.0679, 0.3152, 0.2761 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(185, 145, 185) }
```

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

```
.border{ border-color:rgb(185, 145, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 145, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 145, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 145, 185);  
box-shadow:4px 4px 4px 4px rgb(185, 145,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0679, 0.3152, 0.2761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 145, 185) }
```

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

```
.background{ background-color: rgb(185,  
145, 185) }
```

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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