

Converting Colors

Yxy(33.9968, 0.3156, 0.2549)

Have a look what the booklet for
Yxy(33.9968, 0.3156, 0.2549)
contains.

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Color

Yxy(34.0785, 0.3162, 0.2554)

Conversions

Conversions Part 1

Format	Color
Hex	C58AC5
RGB	197, 138, 197
RGB Percent	77%, 54%, 77%
CMY	0.2274, 0.4588, 0.2275
CMYK	0.00, 0.30, 0.00, 0.23
HSL	300°, 34%, 66%
HSV	300°, 30%, 77%
XYZ	42.1912, 34.0785, 57.1622
YIQ	162.3670, 16.2250, 30.8570

Conversions

Conversions Part 2

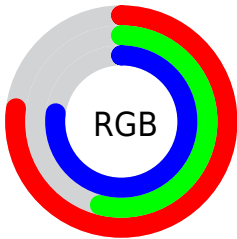
Format	Color
RYB	197, 138, 197
Decimal	12946117
CIELab	65.02, 32.17, -21.64
CIELCh	65, 38.773, 326.068
Yxy	34.0785, 0.3162, 0.2554
Android (android.graphics.Color)	4291136197 (0xFFC58AC5)
YUV	162.3670, 17.0741, 30.3731
Hunter-Lab	58.3768, 26.8494, -17.1927

Details

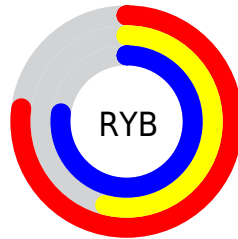
The Yxy color **34.0785, 0.3162, 0.2554** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.1753, 0.3086, 0.4155**, and the grayscale version is **36.2258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9259, 0.3156, 0.2681**, and **14.5503, 0.3157, 0.2353** is the 20% darker color. If you saturate the color by 10%, you get **28.9297, 0.3173, 0.2317**, and if you desaturate by 10%, it is **40.2556, 0.3150, 0.2801**.

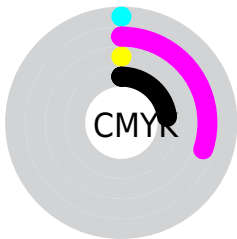
Distribution



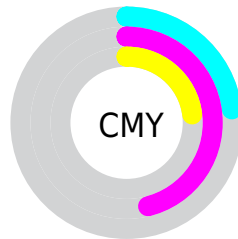
- Red (77%)
- Green (54%)
- Blue (77%)



- Red (77%)
- Yellow (54%)
- Blue (77%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (23%)




- Cyan (23%)
- Magenta (46%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0785, 0.3162, 0.2554 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 34.0785, 0.3162, 0.2554 by changing the saturation by 10% instead.


 34.0785, 0.3162,
0.2554


 34.0785, 0.3162,
0.2554


320.4819, 0.3153,
0.2918

 22.9539, 0.3162,
0.2465


 66.0557, 0.3160,
0.2685

 14.5595, 0.3160,
0.2352


 87.6771, 0.3159,
0.2735

 8.5108, 0.3155,
0.2204


 113.5663, 0.3158,
0.2777

 4.4235, 0.3142,
0.2002

144.1076, 0.3157,
0.2813

 1.9132, 0.3112,
0.1715

179.6854, 0.3156,
0.2844

 0.5563, 0.3057,
0.1208

220.6841, 0.3155,

 0.0000, 0.2228,

0.2872

0.0000

267.4882, 0.3154,
0.2896

0.0000, 0.0000,
0.0000

34.0785, 0.3162,
0.2554

34.0785, 0.3162,
0.2554

28.9297, 0.3173,
0.2317

40.2556, 0.3150,
0.2801

24.7493, 0.3184,
0.2100

47.5077, 0.3139,
0.3049

21.4780, 0.3193,
0.1911

55.8843, 0.3127,
0.3291

19.0483, 0.3200,
0.1758

65.4303, 0.3116,
0.3523

17.3832, 0.3205,
0.1647

76.1883, 0.3106,
0.3741

■ 16.3918, 0.3209,
0.1577

■ 87.4241, 0.3097,
0.3931

■ 15.9002, 0.3211,
0.1542

■ 87.4246, 0.3097,
0.3931

■ 15.8980, 0.3211,
0.1542

■ 87.4251, 0.3097,
0.3931

■ 87.4255, 0.3097,
0.3931

Harmonies

Analogous

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



34.0785, 0.2599, 0.2370



34.0785, 0.3162, 0.2554



34.0785, 0.3770, 0.2895

Triad

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



34.0785, 0.3162, 0.2554



34.0785, 0.4079, 0.4195



34.0785, 0.2146, 0.3095

Complementary

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



34.0785, 0.3162, 0.2554



47.1753, 0.3086, 0.4155

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.



34.0785, 0.2479, 0.3709



34.0785, 0.3162, 0.2554



34.0785, 0.3590, 0.4389

Square

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



34.0785, 0.3162, 0.2554



34.0785, 0.4320, 0.3795



34.0785, 0.3003, 0.4222



34.0785, 0.2058, 0.2623

Rectangle

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



34.0785, 0.3162, 0.2554



34.0785, 0.4096, 0.3180



34.0785, 0.3003, 0.4222



34.0785, 0.2231, 0.3293

Sweetspot

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



34.0800, 0.3162, 0.2554



86.2206, 0.3138, 0.3069



27.6140, 0.2604, 0.2425



18.0122, 0.3139, 0.3032



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.



34.0800, 0.3162, 0.2554



54.7424, 0.3170, 0.2396



32.8587, 0.3461, 0.2906



10.8165, 0.3138, 0.3063



10.4561, 0.3210, 0.1542



0.4951, 0.3210, 0.1542

Inverse Universe

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



34.0800, 0.3162, 0.2554



54.7424, 0.3170, 0.2396



48.1480, 0.2888, 0.3711



10.8165, 0.3138, 0.3063



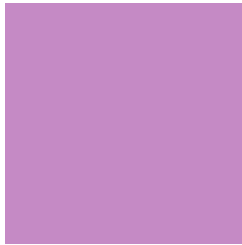
10.4561, 0.3210, 0.1542



0.4951, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 34.0785, 0.3162, 0.2554 looks on a white background.

Color Contrast Check

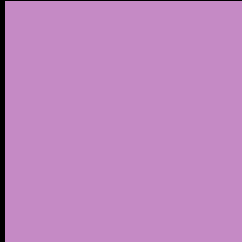
Large Text (above 18pt) WCAG AA × Fail

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 34.0785, 0.3162, 0.2554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

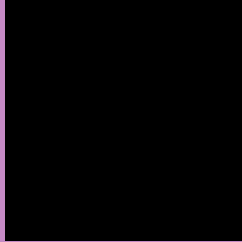
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0785, 0.3162, 0.2554

Background



This preview shows how black text looks on a background with the Yxy color 34.0785, 0.3162, 0.2554.



This preview shows how white text looks on a background with the Yxy color 34.0785, 0.3162, 0.2554.

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

34.0785, 0.3162, 0.2554

Protanopia

34.2697, 0.2584, 0.2541

Deuteranopia

34.3063, 0.2796, 0.2742



Tritanopia

34.1986, 0.3502, 0.3143

Trichromacy



Original Color

34.0785, 0.3162, 0.2554

Protanomaly

33.6892, 0.2775, 0.2535

Deuteranomaly

33.9811, 0.2918, 0.2668

Tritanomaly

34.0928, 0.3374, 0.2910

Monochromacy



Original Color

34.0785, 0.3162, 0.2554

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.9916, 0.3141, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0785, 0.3162, 0.2554 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(197, 138, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 138, 197)  
}
```

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(197, 138, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 138, 197) }
```

Border

The CSS property to change the border of an element to Yxy 34.0785, 0.3162, 0.2554 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(197, 138, 197) }
```

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

```
.border{ border-color:rgb(197, 138, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 138, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 138, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 138, 197);  
box-shadow:4px 4px 4px 4px rgb(197, 138,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0785, 0.3162, 0.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 138, 197) }
```

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

```
.background{ background-color: rgb(197,  
138, 197) }
```

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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