

Converting Colors

$Yxy(34.0983, 0.3689, 0.3219)$

Have a look what the booklet for
Yxy(34.0983, 0.3689, 0.3219)
contains.

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Color

Yxy(34.0942, 0.3681, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	C88F95
RGB	200, 143, 149
RGB Percent	78%, 56%, 58%
CMY	0.2158, 0.4391, 0.4157
CMYK	0.00, 0.28, 0.25, 0.22
HSL	354°, 34%, 67%
HSV	354°, 28%, 78%
XYZ	39.0603, 34.0942, 32.9588
YIQ	160.7270, 32.0460, 13.9500

Conversions

Conversions Part 2

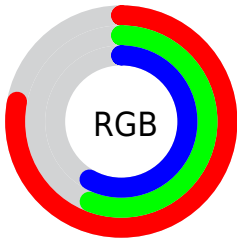
Format	Color
R _Y B	200, 143, 149
Decimal	13143957
CIE Lab	65.04, 22.44, 5.43
CIE LCh	65, 23.087, 13.610
Yxy	34.0942, 0.3681, 0.3213
Android (android.graphics.Color)	4291334037 (0xFFC88F95)
YUV	160.7270, -5.7814, 34.4424
Hunter-Lab	58.3902, 17.2251, 7.4065

Details

The Yxy color **34.0942, 0.3681, 0.3213** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.0282, 0.2755, 0.3370**, and the grayscale version is **35.5241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5043, 0.3549, 0.3229**, and **14.5559, 0.3875, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **28.0882, 0.3969, 0.3185**, and if you desaturate by 10%, it is **41.2614, 0.3447, 0.3241**.

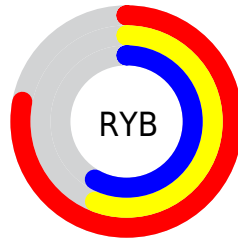
Distribution



Red (78%)

Green (56%)

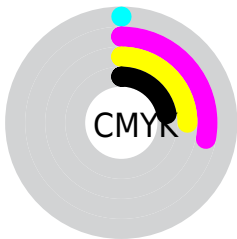
Blue (58%)



Red (78%)

Yellow (56%)

Blue (58%)

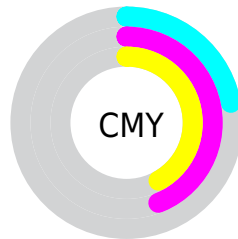


Cyan (0%)

Magenta (28%)

Yellow (25%)

Black (22%)



Cyan (22%)


Magenta (44%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0942, 0.3681, 0.3213 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 34.0942, 0.3681, 0.3213 by changing the saturation by 10% instead.


 34.0942, 0.3681,
0.3213


 34.0942, 0.3681,
0.3213


320.5519, 0.3388,
0.3258

 22.9660, 0.3760,
0.3200


 66.0801, 0.3570,
0.3231

 14.5684, 0.3865,
0.3181


 87.7066, 0.3530,
0.3237

 8.5170, 0.4011,
0.3153

113.6013, 0.3496,
0.3242

 4.4275, 0.4228,
0.3109

144.1487, 0.3468,
0.3246

 1.9155, 0.4582,
0.3027

179.7330, 0.3444,
0.3250

 0.5577, 0.5837,
0.2957

220.7387, 0.3423,

 0.0000, 1.0000,

0.3253

0.0000

267.5502, 0.3404,
0.3255

0.0000, 0.0000,
0.0000

34.0942, 0.3681,
0.3213

34.0942, 0.3681,
0.3213

28.0882, 0.3969,
0.3185

41.2614, 0.3447,
0.3241

23.1777, 0.4317,
0.3161

49.6413, 0.3258,
0.3268

19.2980, 0.4722,
0.3144

59.2882, 0.3106,
0.3294

16.3754, 0.5166,
0.3139

70.2518, 0.2984,
0.3317

14.3265, 0.5607,
0.3153

82.5788, 0.2885,
0.3338

■ 13.0537, 0.5988,
0.3186

■ 91.0147, 0.2805,
0.3289

■ 12.4057, 0.6253,
0.3231

■ 12.3289, 0.6284,
0.3236

Harmonies

Analogous

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



34.0942, 0.3370, 0.2949



34.0942, 0.3681, 0.3213



34.0942, 0.3836, 0.3508

Triad

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



34.0942, 0.3681, 0.3213



34.0942, 0.3216, 0.3892



34.0942, 0.2501, 0.2784

Complementary

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



34.0942, 0.3681, 0.3213



51.0282, 0.2755, 0.3370

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.



34.0942, 0.2467, 0.3007



34.0942, 0.3681, 0.3213



34.0942, 0.2866, 0.3671

Square

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



34.0942, 0.3681, 0.3213



34.0942, 0.3555, 0.3920



34.0942, 0.2596, 0.3334



34.0942, 0.2692, 0.2704

Rectangle

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



34.0942, 0.3681, 0.3213



34.0942, 0.3825, 0.3690



34.0942, 0.2596, 0.3334



34.0942, 0.2472, 0.2844

Sweetspot

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



34.0958, 0.3681, 0.3213



84.9686, 0.3269, 0.3267



35.1993, 0.3096, 0.2575



17.7037, 0.3295, 0.3263



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.



34.0958, 0.3681, 0.3213



52.5671, 0.3847, 0.3196



41.1144, 0.3669, 0.3575



10.6548, 0.3273, 0.3266



7.8486, 0.6263, 0.3224



0.3779, 0.5866, 0.3005

Inverse Universe

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



34.0958, 0.3681, 0.3213



52.5671, 0.3847, 0.3196



41.9052, 0.2687, 0.2986



10.6548, 0.3273, 0.3266



7.8486, 0.6263, 0.3224



0.3779, 0.5866, 0.3005

Previews

White Background



This preview shows how the Yxy color 34.0942, 0.3681, 0.3213 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 34.0942, 0.3681, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

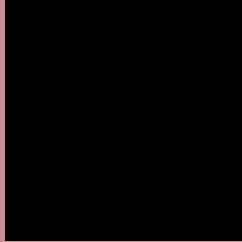
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0942, 0.3681, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 34.0942, 0.3681, 0.3213.



This preview shows how white text looks on a background with the Yxy color 34.0942, 0.3681, 0.3213.

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

34.0942, 0.3681, 0.3213

Protanopia

34.1253, 0.3166, 0.3290

Deuteranopia

34.2362, 0.3431, 0.3376



Tritanopia

33.9253, 0.3641, 0.3148

Trichromacy



Original Color

34.0942, 0.3681, 0.3213

Protanomaly

33.9035, 0.3343, 0.3262

Deuteranomaly

33.9473, 0.3515, 0.3305

Tritanomaly

33.8924, 0.3652, 0.3161

Monochromacy



Original Color

34.0942, 0.3681, 0.3213

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.6595, 0.3310, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0942, 0.3681, 0.3213 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(200, 143, 149)` looks like.

```
.text, #text, p{  
    color:rgb(200, 143, 149)  
}
```

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(200, 143, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 143, 149) }
```

Border

The CSS property to change the border of an element to Yxy 34.0942, 0.3681, 0.3213 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(200, 143, 149) }
```

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

```
.border{ border-color:rgb(200, 143, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 143, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 143, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 143, 149);  
box-shadow:4px 4px 4px 4px rgb(200, 143,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0942, 0.3681, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 143, 149) }
```

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

```
.background{ background-color: rgb(200,  
143, 149) }
```

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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