

Converting Colors

$Y_{xy}(36.0719, 0.3299, 0.3185)$

Have a look what the booklet for
Yxy(36.0719, 0.3299, 0.3185)
contains.

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Color

Yxy(36.1246, 0.3300, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	B49CA3
RGB	180, 156, 163
RGB Percent	71%, 61%, 64%
CMY	0.2941, 0.3882, 0.3608
CMYK	0.00, 0.13, 0.09, 0.29
HSL	343°, 14%, 66%
HSV	343°, 13%, 71%
XYZ	37.3235, 36.1246, 39.6534
YIQ	163.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

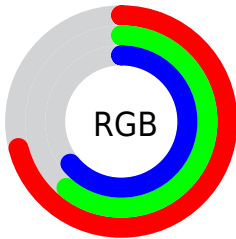
Format	Color
RYB	180, 156, 163
Decimal	11836579
CIELab	66.62, 10.04, -0.39
CIELCh	67, 10.052, 357.805
Yxy	36.1246, 0.3300, 0.3194
Android (android.graphics.Color)	4290026659 (0xFFB49CA3)
YUV	163.9740, -0.4802, 14.0548
Hunter-Lab	60.1037, 5.6641, 2.9561

Details

The Yxy color **36.1246, 0.3300, 0.3194** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7337, 0.2980, 0.3388**, and the grayscale version is **37.1107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4834, 0.3265, 0.3216**, and **15.7629, 0.3359, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **30.0913, 0.3464, 0.3117**, and if you desaturate by 10%, it is **43.1025, 0.3166, 0.3267**.

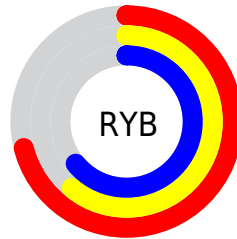
Distribution



Red (71%)

Green (61%)

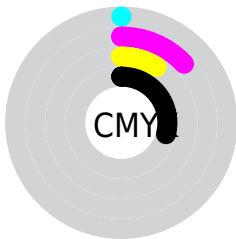
Blue (64%)



Red (71%)

Yellow (61%)

Blue (64%)

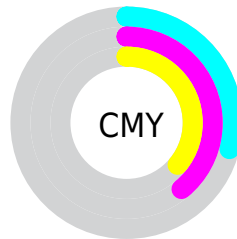


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (29%)



Cyan (29%)

Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.1246, 0.3300, 0.3194 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 36.1246, 0.3300, 0.3194 by changing the saturation by 10% instead.


 36.1246, 0.3300,
0.3194


 36.1246, 0.3300,
0.3194


329.5048, 0.3210,
0.3244

 24.5304, 0.3324,
0.3181


 69.2243, 0.3266,
0.3213

 15.7276, 0.3355,
0.3163

 91.4987, 0.3254,
0.3220

 9.3316, 0.3398,
0.3140


118.1019, 0.3244,
0.3225

 4.9581, 0.3462,
0.3105

149.4184, 0.3235,
0.3230

 2.2227, 0.3564,
0.3048

185.8326, 0.3227,
0.3234

 0.7323, 0.3778,
0.2927

227.7287, 0.3221,


 0.0000, 0.0000,


0.3238


0.0000

275.4914, 0.3215,
0.3241


 36.1246, 0.3300,
0.3194


 36.1246, 0.3300,
0.3194


 30.0913, 0.3464,
0.3117


 43.1025, 0.3166,
0.3267


 24.9573, 0.3664,
0.3039


 51.0585, 0.3057,
0.3335


 20.6806, 0.3905,
0.2963

 60.0300, 0.2968,
0.3397

 17.2139, 0.4191,
0.2895

 70.0512, 0.2895,
0.3454

 14.5055, 0.4518,
0.2845

 81.1548, 0.2835,
0.3506

■ 12.4974, 0.4877,
0.2824

■ 87.4888, 0.2777,
0.3458

■ 11.1233, 0.5243,
0.2843

■ 88.2720, 0.2714,
0.3318

■ 10.3038, 0.5584,
0.2906

■ 88.4449, 0.2701,
0.3289

■ 9.9568, 0.5789,
0.2962

Harmonies

Analogous

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



36.1246, 0.3152, 0.3090



36.1246, 0.3300, 0.3194



36.1246, 0.3402, 0.3324

Triad

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



36.1246, 0.3300, 0.3194



36.1246, 0.3250, 0.3558



36.1246, 0.2835, 0.3121

Complementary

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



36.1246, 0.3300, 0.3194



42.7337, 0.2980, 0.3388

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.



36.1246, 0.2860, 0.3246



36.1246, 0.3300, 0.3194



36.1246, 0.3097, 0.3503

Square

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



36.1246, 0.3300, 0.3194



36.1246, 0.3372, 0.3536



36.1246, 0.2955, 0.3387



36.1246, 0.2886, 0.3046

Rectangle

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



36.1246, 0.3300, 0.3194



36.1246, 0.3429, 0.3410



36.1246, 0.2955, 0.3387



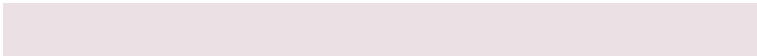
36.1246, 0.2834, 0.3158

Sweetspot

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



36.1262, 0.3300, 0.3194



77.1601, 0.3175, 0.3262



35.9355, 0.3074, 0.2960



16.4623, 0.3184, 0.3256



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



36.1262, 0.3300, 0.3194



62.1097, 0.3345, 0.3172



37.5262, 0.3358, 0.3357



8.5446, 0.3243, 0.3224



6.9585, 0.5757, 0.2945



0.2294, 0.4951, 0.2501

Inverse Universe

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



36.1262, 0.3300, 0.3194



62.1097, 0.3345, 0.3172



41.1058, 0.2925, 0.3222



8.5446, 0.3243, 0.3224



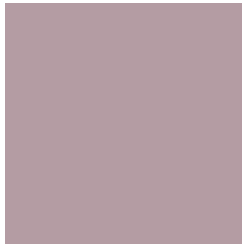
6.9585, 0.5757, 0.2945



0.2294, 0.4951, 0.2501

Previews

White Background



This preview shows how the Yxy color 36.1246, 0.3300, 0.3194 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 36.1246, 0.3300, 0.3194 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 36.1246, 0.3300, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 36.1246, 0.3300, 0.3194.



This preview shows how white text looks on a background with the Yxy color 36.1246, 0.3300, 0.3194.

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

36.1246, 0.3300, 0.3194

Protanopia

36.1354, 0.3112, 0.3218

Deuteranopia

36.1054, 0.3269, 0.3207



Tritanopia

36.0565, 0.3273, 0.3126

Trichromacy



Original Color

36.1246, 0.3300, 0.3194

Protanomaly

36.0589, 0.3179, 0.3205

Deuteranomaly

36.2233, 0.3278, 0.3207

Tritanomaly

36.0196, 0.3283, 0.3140

Monochromacy



Original Color

36.1246, 0.3300, 0.3194

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.7161, 0.3187, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1246, 0.3300, 0.3194 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(180, 156, 163)` looks like.

```
.text, #text, p{  
    color:rgb(180, 156, 163)  
}
```

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(180, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 156, 163) }
```

Border

The CSS property to change the border of an element to Yxy 36.1246, 0.3300, 0.3194 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(180, 156, 163) }
```

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

```
.border{ border-color:rgb(180, 156, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 156, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(180, 156,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1246, 0.3300, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 156, 163) }
```

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

```
.background{ background-color: rgb(180,  
156, 163) }
```

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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