

Converting Colors

$Y_{xy}(36.5176, 0.3436, 0.3342)$

Have a look what the booklet for
Yxy(36.5176, 0.3436, 0.3342)
contains.

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Color

Yxy(36.6042, 0.3435, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	B89D99
RGB	184, 157, 153
RGB Percent	72%, 62%, 60%
CMY	0.2783, 0.3843, 0.4001
CMYK	0.00, 0.15, 0.17, 0.28
HSL	8°, 18%, 66%
HSV	8°, 17%, 72%
XYZ	37.5778, 36.6042, 35.2149
YIQ	164.6170, 17.3760, 4.4800

Conversions

Conversions Part 2

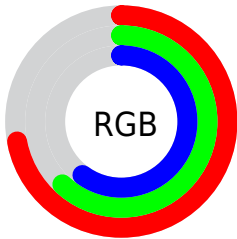
Format	Color
RYB	184, 158, 153
Decimal	12098969
CIELab	66.98, 9.31, 5.78
CIELCh	67, 10.956, 31.863
Yxy	36.6042, 0.3435, 0.3346
Android (android.graphics.Color)	4290289049 (0xFFB89D99)
YUV	164.6170, -5.7272, 16.9989
Hunter-Lab	60.5014, 4.9901, 7.8412

Details

The Yxy color **36.6042, 0.3435, 0.3346** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8825, 0.2874, 0.3233**, and the grayscale version is **37.4572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1172, 0.3374, 0.3344**, and **16.0927, 0.3539, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **30.9725, 0.3673, 0.3382**, and if you desaturate by 10%, it is **43.0442, 0.3240, 0.3312**.

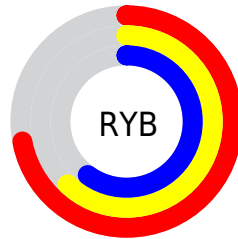
Distribution



Red (72%)

Green (62%)

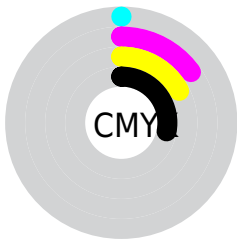
Blue (60%)



Red (72%)

Yellow (62%)

Blue (60%)

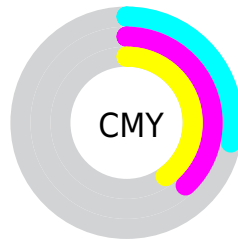


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (28%)



Cyan (28%)


Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6042, 0.3435, 0.3346 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 36.6042, 0.3435, 0.3346 by changing the saturation by 10% instead.


 36.6042, 0.3435,
0.3346


 36.6042, 0.3435,
0.3346


331.5937, 0.3274,
0.3319

 24.9012, 0.3478,
0.3353


 69.9636, 0.3375,
0.3336

 16.0035, 0.3534,
0.3361


 92.3888, 0.3353,
0.3333

 9.5266, 0.3612,
0.3371


119.1569, 0.3334,
0.3329

 5.0862, 0.3727,
0.3385

150.6522, 0.3318,
0.3327

 2.2979, 0.3912,
0.3403

187.2591, 0.3305,
0.3324

 0.7726, 0.4444,
0.3549

229.3621, 0.3293,

 0.0000, 0.0000,


0.3322


0.0000


277.3455, 0.3283,
0.3320


 36.6042, 0.3435,
0.3346


 36.6042, 0.3435,
0.3346


 30.9725, 0.3673,
0.3382


 43.0442, 0.3240,
0.3312


 26.1124, 0.3961,
0.3418

 50.3177, 0.3081,
0.3280

 21.9917, 0.4305,
0.3451

 58.4545, 0.2950,
0.3252

 18.5741, 0.4700,
0.3478

 67.4819, 0.2842,
0.3225

 15.8200, 0.5133,
0.3491

 77.4257, 0.2753,
0.3202

■ 13.6860, 0.5566,
0.3484

■ 87.7578, 0.2719,
0.3269

■ 12.1235, 0.5945,
0.3453

■ 88.9339, 0.2721,
0.3289

■ 11.0751, 0.6218,
0.3402

■ 10.8379, 0.6287,
0.3390

Harmonies

Analogous

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



36.6042, 0.3334, 0.3204



36.6042, 0.3435, 0.3346



36.6042, 0.3451, 0.3478

Triad

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



36.6042, 0.3435, 0.3346



36.6042, 0.3071, 0.3508



36.6042, 0.2879, 0.3020

Complementary

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



36.6042, 0.3435, 0.3346



42.8825, 0.2874, 0.3233

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.



36.6042, 0.2813, 0.3092



36.6042, 0.3435, 0.3346



36.6042, 0.2922, 0.3375

Square

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



36.6042, 0.3435, 0.3346



36.6042, 0.3238, 0.3578



36.6042, 0.2829, 0.3221



36.6042, 0.3011, 0.3019

Rectangle

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



36.6042, 0.3435, 0.3346



36.6042, 0.3412, 0.3543



36.6042, 0.2829, 0.3221



36.6042, 0.2848, 0.3036

Sweetspot

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



36.6058, 0.3435, 0.3346



80.2429, 0.3209, 0.3306



36.2834, 0.3180, 0.2925



17.1088, 0.3221, 0.3308



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.



36.6058, 0.3435, 0.3346



62.6349, 0.3512, 0.3358



42.0473, 0.3402, 0.3549



9.1943, 0.3285, 0.3320



7.5268, 0.6272, 0.3402



0.3263, 0.5895, 0.3701

Inverse Universe

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



42.8825, 0.2874, 0.3233



76.0136, 0.2824, 0.3221



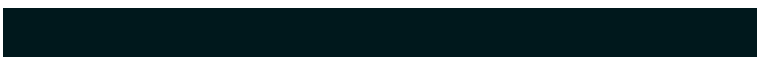
37.1016, 0.2864, 0.3017



10.0073, 0.2985, 0.3260



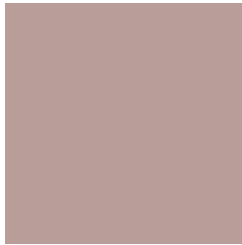
19.8399, 0.2134, 0.2882



0.7551, 0.2166, 0.2997

Previews

White Background



This preview shows how the Yxy color 36.6042, 0.3435, 0.3346 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 36.6042, 0.3435, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

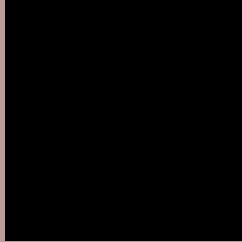
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6042, 0.3435, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 36.6042, 0.3435, 0.3346.



This preview shows how white text looks on a background with the Yxy color 36.6042, 0.3435, 0.3346.

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

36.6042, 0.3435, 0.3346

Protanopia

36.5658, 0.3238, 0.3376

Deuteranopia

36.8209, 0.3422, 0.3360



Tritanopia

36.6718, 0.3323, 0.3129

Trichromacy



Original Color

36.6042, 0.3435, 0.3346

Protanomaly

36.5068, 0.3309, 0.3361

Deuteranomaly

36.8209, 0.3422, 0.3360

Tritanomaly

36.6999, 0.3359, 0.3209

Monochromacy



Original Color

36.6042, 0.3435, 0.3346

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1845, 0.3232, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6042, 0.3435, 0.3346 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(184, 157, 153)` looks like.

```
.text, #text, p{  
    color:rgb(184, 157, 153)  
}
```

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(184, 157, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 157, 153) }
```

Border

The CSS property to change the border of an element to Yxy 36.6042, 0.3435, 0.3346 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(184, 157, 153) }
```

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

```
.border{ border-color:rgb(184, 157, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 157, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 157, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 157, 153);  
box-shadow:4px 4px 4px 4px rgb(184, 157,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6042, 0.3435, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 157, 153) }
```

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

```
.background{ background-color: rgb(184,  
157, 153) }
```

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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