

Converting Colors

$Yxy(35.9996, 0.3607, 0.3633)$

Have a look what the booklet for
Yxy(35.9996, 0.3607, 0.3633)
contains.

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Color

Yxy(36.0923, 0.3607, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	B69E85
RGB	182, 158, 133
RGB Percent	71%, 62%, 52%
CMY	0.2862, 0.3804, 0.4783
CMYK	0.00, 0.13, 0.27, 0.29
HSL	31°, 25%, 62%
HSV	31°, 27%, 71%
XYZ	35.7553, 36.0923, 27.2799
YIQ	162.3260, 22.3290, -2.6870

Conversions

Conversions Part 2

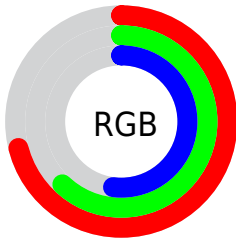
Format	Color
R_{YB}	180, 182, 133
Decimal	11968133
CIE _{Lab}	66.59, 4.95, 16.31
CIE _{LCh}	67, 17.048, 73.125
Yxy	36.0923, 0.3607, 0.3641
Android (android.graphics.Color)	4290158213 (0xFFB69E85)
YUV	162.3260, -14.4577, 17.2541
Hunter-Lab	60.0769, 1.1013, 15.1312

Details

The Yxy color **36.0923, 0.3607, 0.3641** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.4925, 0.2704, 0.2911**, and the grayscale version is **36.3554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3108, 0.3510, 0.3582**, and **15.7291, 0.3757, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **32.6995, 0.3828, 0.3777**, and if you desaturate by 10%, it is **39.7966, 0.3409, 0.3506**.

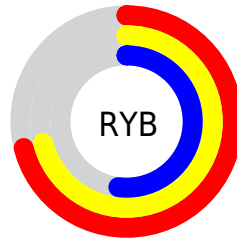
Distribution



Red (71%)

Green (62%)

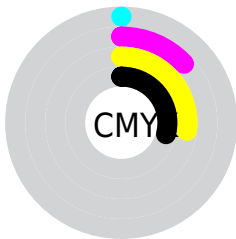
Blue (52%)



Red (71%)

Yellow (71%)

Blue (52%)

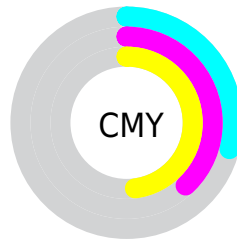


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (29%)



Cyan (29%)

Magenta (38%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0923, 0.3607, 0.3641 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 36.0923, 0.3607, 0.3641 by changing the saturation by 10% instead.


 36.0923, 0.3607,
0.3641


 36.0923, 0.3607,
0.3641


329.3638, 0.3356,
0.3461


 24.5055, 0.3673,
0.3687


 69.1745, 0.3513,
0.3575

 15.7090, 0.3760,
0.3746

 91.4387, 0.3479,
0.3550

 9.3185, 0.3879,
0.3825


 118.0308, 0.3450,
0.3530

 4.9495, 0.4050,
0.3934

149.3352, 0.3426,
0.3512

 2.2177, 0.4318,
0.4095

185.7363, 0.3405,
0.3497

 0.7296, 0.5274,
0.4726

227.6185, 0.3386,

 0.0000, 0.0000,

0.3484

0.0000

275.3662, 0.3370,
0.3472

■ 36.0923, 0.3607,
0.3641

■ 36.0923, 0.3607,
0.3641

■ 32.6995, 0.3828,
0.3777

■ 39.7966, 0.3409,
0.3506

■ 29.6041, 0.4071,
0.3908

■ 43.8161, 0.3235,
0.3376

■ 26.7980, 0.4331,
0.4026

■ 48.1607, 0.3082,
0.3253

■ 24.2708, 0.4600,
0.4118

■ 52.8385, 0.2949,
0.3139

■ 22.0112, 0.4864,
0.4172

■ 57.8570, 0.2832,
0.3033

■ 20.0068, 0.5107,
0.4178

■ 63.2236, 0.2730,
0.2937

■ 18.2420, 0.5315,
0.4131

■ 68.5905, 0.2670,
0.2904

■ 17.7392, 0.5377,
0.4113

■ 73.4123, 0.2681,
0.3006

■ 78.4880, 0.2691,
0.3106

Harmonies

Analogous

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



36.0923, 0.3638, 0.3453



36.0923, 0.3607, 0.3641



36.0923, 0.3444, 0.3745

Triad

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



36.0923, 0.3607, 0.3641



36.0923, 0.2742, 0.3329



36.0923, 0.3037, 0.2901

Complementary

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



36.0923, 0.3607, 0.3641



32.4925, 0.2704, 0.2911

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.



36.0923, 0.2807, 0.2859



36.0923, 0.3607, 0.3641



36.0923, 0.2642, 0.3093

Square

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



36.0923, 0.3607, 0.3641



36.0923, 0.2944, 0.3565



36.0923, 0.2666, 0.2925



36.0923, 0.3301, 0.3036

Rectangle

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



36.0923, 0.3607, 0.3641



36.0923, 0.3287, 0.3744



36.0923, 0.2666, 0.2925



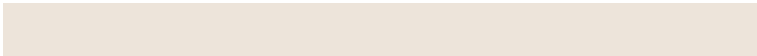
36.0923, 0.2954, 0.2876

Sweetspot

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



36.0939, 0.3607, 0.3641



78.5061, 0.3255, 0.3391



29.1798, 0.3417, 0.2948



17.0912, 0.3280, 0.3411



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.



36.0939, 0.3607, 0.3641



61.8988, 0.3728, 0.3718



45.1018, 0.3527, 0.3951



9.7488, 0.3275, 0.3407



12.6588, 0.5359, 0.4126



0.5698, 0.4982, 0.4426

Inverse Universe

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



32.4925, 0.2704, 0.2911



54.3266, 0.2613, 0.2818



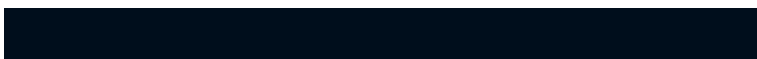
25.1474, 0.2668, 0.2530



9.4268, 0.2985, 0.3171



7.5881, 0.1769, 0.1567



0.3915, 0.1902, 0.2046

Previews

White Background



This preview shows how the Yxy color 36.0923, 0.3607, 0.3641 looks on a white background.

Color Contrast Check

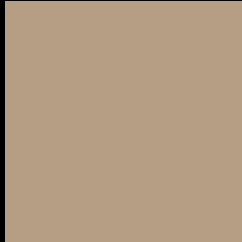
Large Text (above 18pt) WCAG AA × Fail

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 36.0923, 0.3607, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

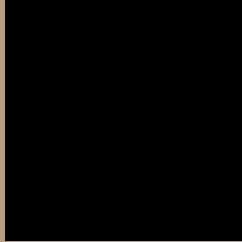
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0923, 0.3607, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 36.0923, 0.3607, 0.3641.



This preview shows how white text looks on a background with the Yxy color 36.0923, 0.3607, 0.3641.

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

36.0923, 0.3607, 0.3641

Protanopia

36.2479, 0.3462, 0.3682

Deuteranopia

36.1618, 0.3677, 0.3607



Tritanopia

35.9382, 0.3345, 0.3128

Trichromacy



Original Color

36.0923, 0.3607, 0.3641

Protanomaly

36.3249, 0.3515, 0.3677

Deuteranomaly

36.2465, 0.3652, 0.3623

Tritanomaly

36.0569, 0.3449, 0.3318

Monochromacy



Original Color

36.0923, 0.3607, 0.3641

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.1591, 0.3295, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0923, 0.3607, 0.3641 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(182, 158, 133)` looks like.

```
.text, #text, p{  
    color:rgb(182, 158, 133)  
}
```

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(182, 158, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 158, 133) }
```

Border

The CSS property to change the border of an element to Yxy 36.0923, 0.3607, 0.3641 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(182, 158, 133) }
```

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

```
.border{ border-color:rgb(182, 158, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 158, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 158, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 158, 133); box-shadow:4px 4px 4px 4px rgb(182, 158, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0923, 0.3607, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 158, 133) }
```

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

```
.background{ background-color: rgb(182,  
158, 133) }
```

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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