

Converting Colors

$Yxy(36.5003, 0.3317, 0.3192)$

Have a look what the booklet for
Yxy(36.5003, 0.3317, 0.3192)
contains.

Yxy(36.3664, 0.3320, 0.3195)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.3664, 0.3320, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	B69CA3
RGB	182, 156, 163
RGB Percent	71%, 61%, 64%
CMY	0.2863, 0.3882, 0.3609
CMYK	0.00, 0.14, 0.10, 0.29
HSL	344°, 15%, 66%
HSV	344°, 14%, 71%
XYZ	37.7892, 36.3664, 39.6673
YIQ	164.5720, 13.2490, 7.6890

Conversions

Conversions Part 2

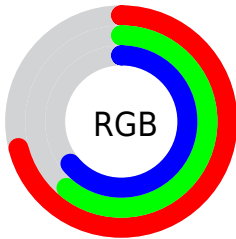
Format	Color
RYB	182, 156, 163
Decimal	11967651
CIELab	66.80, 10.77, -0.08
CIELCh	67, 10.768, 359.550
Yxy	36.3664, 0.3320, 0.3195
Android (android.graphics.Color)	4290157731 (0xFFB69CA3)
YUV	164.5720, -0.7750, 15.2844
Hunter-Lab	60.3046, 6.3221, 3.2133

Details

The Yxy color **36.3664, 0.3320, 0.3195** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.6213, 0.2965, 0.3387**, and the grayscale version is **37.4107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8276, 0.3280, 0.3217**, and **15.9180, 0.3387, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **30.2578, 0.3493, 0.3124**, and if you desaturate by 10%, it is **43.4437, 0.3179, 0.3263**.

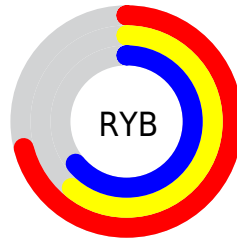
Distribution



Red (71%)

Green (61%)

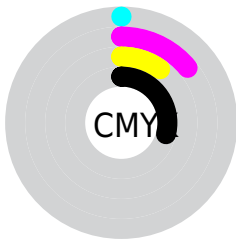
Blue (64%)



Red (71%)

Yellow (61%)

Blue (64%)

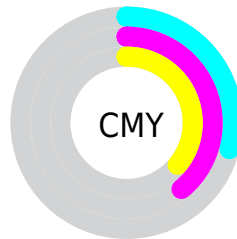


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (29%)



Cyan (29%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3664, 0.3320, 0.3195 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 36.3664, 0.3320, 0.3195 by changing the saturation by 10% instead.

 36.3664, 0.3320,
0.3195

 36.3664, 0.3320,
0.3195


330.5592, 0.3220,
0.3245

 24.7173, 0.3346,
0.3182


 69.5972, 0.3282,
0.3214

 15.8666, 0.3381,
0.3165


 91.9477, 0.3269,
0.3220

 9.4298, 0.3430,
0.3141


118.6342, 0.3257,
0.3226

 5.0226, 0.3500,
0.3106

150.0410, 0.3247,
0.3231

 2.2605, 0.3613,
0.3050

186.5524, 0.3239,
0.3235

 0.7527, 0.3845,
0.2936

228.5531, 0.3232,

 0.0000, 0.0000,


0.3239


0.0000


276.4272, 0.3225,
0.3242


 36.3664, 0.3320,
0.3195


 36.3664, 0.3320,
0.3195

 30.2578, 0.3493,
0.3124


 43.4437, 0.3179,
0.3263


 25.0710, 0.3704,
0.3052


 51.5245, 0.3065,
0.3325


 20.7623, 0.3959,
0.2982

 60.6475, 0.2971,
0.3383

 17.2827, 0.4260,
0.2922

 70.8483, 0.2895,
0.3436

 14.5781, 0.4604,
0.2879

 82.1606, 0.2832,
0.3484

■ 12.5883, 0.4977,
0.2866

■ 87.9298, 0.2770,
0.3420

■ 11.2437, 0.5354,
0.2891

■ 88.6852, 0.2711,
0.3289

■ 10.4609, 0.5695,
0.2960

■ 10.1654, 0.5869,
0.3007

Harmonies

Analogous

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



36.3664, 0.3163, 0.3082



36.3664, 0.3320, 0.3195



36.3664, 0.3425, 0.3334

Triad

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



36.3664, 0.3320, 0.3195



36.3664, 0.3249, 0.3575



36.3664, 0.2816, 0.3103

Complementary

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



36.3664, 0.3320, 0.3195



43.6213, 0.2965, 0.3387

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.



36.3664, 0.2838, 0.3234



36.3664, 0.3320, 0.3195



36.3664, 0.3085, 0.3513

Square

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



36.3664, 0.3320, 0.3195



36.3664, 0.3383, 0.3557



36.3664, 0.2935, 0.3385



36.3664, 0.2875, 0.3027

Rectangle

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



36.3664, 0.3320, 0.3195



36.3664, 0.3451, 0.3426



36.3664, 0.2935, 0.3385



36.3664, 0.2814, 0.3142

Sweetspot

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



36.3680, 0.3320, 0.3195



79.0573, 0.3176, 0.3264



36.2286, 0.3074, 0.2936



17.2334, 0.3186, 0.3259



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.



36.3680, 0.3320, 0.3195



62.4244, 0.3368, 0.3174



38.0594, 0.3376, 0.3368



9.0507, 0.3247, 0.3229



7.1883, 0.5840, 0.2991



0.2641, 0.5087, 0.2576

Inverse Universe

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



36.3680, 0.3320, 0.3195



62.4244, 0.3368, 0.3174



41.6417, 0.2911, 0.3211



9.0507, 0.3247, 0.3229



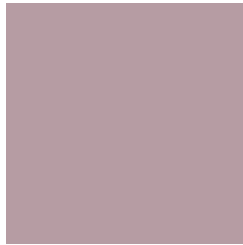
7.1883, 0.5840, 0.2991



0.2641, 0.5087, 0.2576

Previews

White Background



This preview shows how the Yxy color 36.3664, 0.3320, 0.3195 looks on a white background.

Color Contrast Check

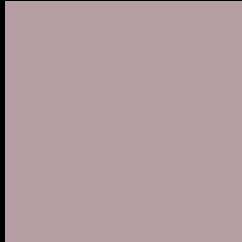
Large Text (above 18pt) WCAG AA × Fail

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 36.3664, 0.3320, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

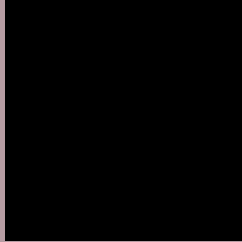
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3664, 0.3320, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 36.3664, 0.3320, 0.3195.



This preview shows how white text looks on a background with the Yxy color 36.3664, 0.3320, 0.3195.

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

36.3664, 0.3320, 0.3195

Protanopia

36.4863, 0.3111, 0.3233

Deuteranopia

36.2233, 0.3278, 0.3207



Tritanopia

36.3000, 0.3293, 0.3127

Trichromacy



Original Color

36.3664, 0.3320, 0.3195

Protanomaly

36.5162, 0.3188, 0.3220

Deuteranomaly

36.3420, 0.3288, 0.3208

Tritanomaly

36.2631, 0.3303, 0.3141

Monochromacy



Original Color

36.3664, 0.3320, 0.3195

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1789, 0.3195, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3664, 0.3320, 0.3195 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, 156, 163)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 156, 163) }
```

Border

The CSS property to change the border of an element to Yxy 36.3664, 0.3320, 0.3195 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, 156, 163) }
```

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

```
.border{ border-color:rgb(182, 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(182, 156, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(182, 156,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3664, 0.3320, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 156, 163) }
```

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

```
.background{ background-color: rgb(182,  
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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