

Converting Colors

$Yxy(35.3238, 0.3372, 0.3178)$

Have a look what the booklet for
Yxy(35.3238, 0.3372, 0.3178)
contains.

Yxy(35.2200, 0.3366, 0.3167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.2200, 0.3366, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	B898A1
RGB	184, 152, 161
RGB Percent	72%, 60%, 63%
CMY	0.2784, 0.4039, 0.3685
CMYK	0.00, 0.17, 0.12, 0.28
HSL	343°, 18%, 66%
HSV	343°, 17%, 72%
XYZ	37.4331, 35.2200, 38.5563
YIQ	162.5940, 16.1830, 9.5830

Conversions

Conversions Part 2

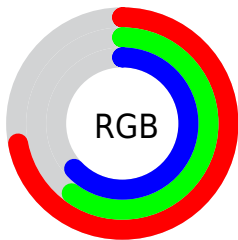
Format	Color
RYB	184, 152, 161
Decimal	12097697
CIELab	65.92, 13.40, -0.25
CIELCh	66, 13.402, 358.912
Yxy	35.2200, 0.3366, 0.3167
Android (android.graphics.Color)	4290287777 (0xFFB898A1)
YUV	162.5940, -0.7858, 18.7731
Hunter-Lab	59.3464, 8.7335, 3.0229

Details

The Yxy color **35.2200, 0.3366, 0.3167** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0570, 0.2934, 0.3417**, and the grayscale version is **36.4246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6257, 0.3316, 0.3185**, and **15.2584, 0.3442, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **29.2629, 0.3547, 0.3092**, and if you desaturate by 10%, it is **42.1562, 0.3218, 0.3239**.

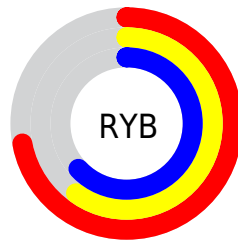
Distribution



Red (72%)

Green (60%)

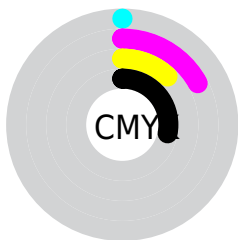
Blue (63%)



Red (72%)

Yellow (60%)

Blue (63%)

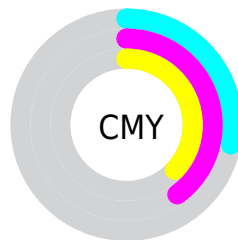


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (28%)



Cyan (28%)


Magenta (40%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2200, 0.3366, 0.3167 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 35.2200, 0.3366, 0.3167 by changing the saturation by 10% instead.


 35.2200, 0.3366,
0.3167


 35.2200, 0.3366,
0.3167

325.5383, 0.3241,
0.3231

 23.8324, 0.3399,
0.3150


 67.8264, 0.3319,
0.3191

 15.2093, 0.3443,
0.3127


 89.8141, 0.3302,
0.3200

 8.9664, 0.3504,
0.3096


116.1038, 0.3288,
0.3207

 4.7193, 0.3593,
0.3050

147.0801, 0.3276,
0.3214

 2.0835, 0.3738,
0.2976

183.1273, 0.3265,
0.3219

 0.6553, 0.4077,
0.2799

224.6298, 0.3256,


 0.0000, 0.0000,


0.3224


0.0000

271.9720, 0.3248,
0.3228


 35.2200, 0.3366,
0.3167


 35.2200, 0.3366,
0.3167


 29.2629, 0.3547,
0.3092


 42.1562, 0.3218,
0.3239


 24.2360, 0.3766,
0.3016


 50.1081, 0.3098,
0.3307


 20.0934, 0.4030,
0.2944

 59.1161, 0.3000,
0.3370

 16.7833, 0.4339,
0.2885

 69.2172, 0.2920,
0.3427

 14.2485, 0.4687,
0.2848

 80.4463, 0.2854,
0.3479

■ 12.4247, 0.5058,
0.2844

■ 88.0209, 0.2794,
0.3449

■ 11.2366, 0.5422,
0.2882

■ 88.8361, 0.2728,
0.3305

■ 10.5753, 0.5746,
0.2961

■ 88.9323, 0.2721,
0.3289

■ 10.4395, 0.5824,
0.2982

Harmonies

Analogous

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



35.2200, 0.3167, 0.3028



35.2200, 0.3366, 0.3167



35.2200, 0.3501, 0.3340

Triad

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



35.2200, 0.3366, 0.3167



35.2200, 0.3283, 0.3652



35.2200, 0.2737, 0.3056

Complementary

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



35.2200, 0.3366, 0.3167



44.0570, 0.2934, 0.3417

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.



35.2200, 0.2766, 0.3221



35.2200, 0.3366, 0.3167



35.2200, 0.3077, 0.3575

Square

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



35.2200, 0.3366, 0.3167



35.2200, 0.3451, 0.3623



35.2200, 0.2889, 0.3414



35.2200, 0.2808, 0.2961

Rectangle

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



35.2200, 0.3366, 0.3167



35.2200, 0.3535, 0.3454



35.2200, 0.2889, 0.3414



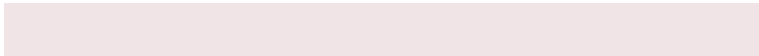
35.2200, 0.2736, 0.3105

Sweetspot

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



35.2216, 0.3366, 0.3167



79.5779, 0.3188, 0.3256



35.0238, 0.3060, 0.2854



16.9473, 0.3197, 0.3251



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.



35.2216, 0.3366, 0.3167



59.3631, 0.3433, 0.3137



37.2325, 0.3440, 0.3386



9.0528, 0.3245, 0.3226



7.2041, 0.5793, 0.2965



0.2649, 0.5038, 0.2549

Inverse Universe

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



35.2216, 0.3366, 0.3167



59.3631, 0.3433, 0.3137



41.6115, 0.2864, 0.3192



9.0528, 0.3245, 0.3226



7.2041, 0.5793, 0.2965



0.2649, 0.5038, 0.2549

Previews

White Background



This preview shows how the Yxy color 35.2200, 0.3366, 0.3167 looks on a white background.

Color Contrast Check

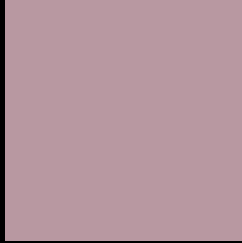
Large Text (above 18pt) WCAG AA × Fail

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 35.2200, 0.3366, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

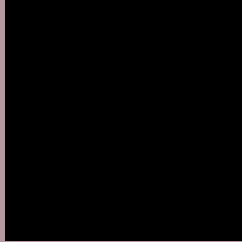
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2200, 0.3366, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 35.2200, 0.3366, 0.3167.



This preview shows how white text looks on a background with the Yxy color 35.2200, 0.3366, 0.3167.

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

35.2200, 0.3366, 0.3167

Protanopia

35.1943, 0.3103, 0.3203

Deuteranopia

35.2109, 0.3290, 0.3220



Tritanopia

35.2912, 0.3346, 0.3140

Trichromacy



Original Color

35.2200, 0.3366, 0.3167

Protanomaly

35.0033, 0.3191, 0.3176

Deuteranomaly

35.2330, 0.3322, 0.3207

Tritanomaly

35.2555, 0.3356, 0.3154

Monochromacy



Original Color

35.2200, 0.3366, 0.3167

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0628, 0.3216, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2200, 0.3366, 0.3167 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, 152, 161)` looks like.

```
.text, #text, p{  
    color:rgb(184, 152, 161)  
}
```

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, 152, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 152, 161) }
```

Border

The CSS property to change the border of an element to Yxy 35.2200, 0.3366, 0.3167 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, 152, 161) }
```

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

```
.border{ border-color:rgb(184, 152, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 152, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 152, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 152, 161);  
box-shadow:4px 4px 4px 4px rgb(184, 152,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2200, 0.3366, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 152, 161) }
```

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

```
.background{ background-color: rgb(184,  
152, 161) }
```

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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