

Converting Colors

$Y_{xy}(17.0032, 0.3855, 0.2218)$

Have a look what the booklet for
Yxy(17.0032, 0.3855, 0.2218)
contains.

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Color

Yxy(17.0037, 0.3852, 0.2217)

Conversions

Conversions Part 1

Format	Color
Hex	C33C95
RGB	195, 60, 149
RGB Percent	76%, 24%, 58%
CMY	0.2353, 0.7646, 0.4158
CMYK	0.00, 0.69, 0.24, 0.24
HSL	320°, 53%, 50%
HSV	320°, 69%, 76%
XYZ	29.5436, 17.0037, 30.1495
YIQ	110.5110, 51.8910, 56.2990

Conversions

Conversions Part 2

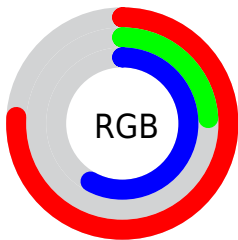
Format	Color
R_{YB}	195, 60, 149
Decimal	12795029
CIE _{Lab}	48.26, 61.69, -19.56
CIE _{LCh}	48, 64.720, 342.412
Yxy	17.0037, 0.3852, 0.2217
Android (android.graphics.Color)	4290985109 (0xFFC33C95)
YUV	110.5110, 18.9751, 74.0969
Hunter-Lab	41.2355, 55.7260, -14.4853

Details

The Yxy color **17.0037, 0.3852, 0.2217** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **41.0301, 0.2811, 0.4809**, and the grayscale version is **15.6830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2944, 0.3707, 0.2432**, and **6.2002, 0.4064, 0.2012** is the 20% darker color. If you saturate the color by 10%, you get **15.1173, 0.4001, 0.2146**, and if you desaturate by 10%, it is **19.6565, 0.3710, 0.2329**.

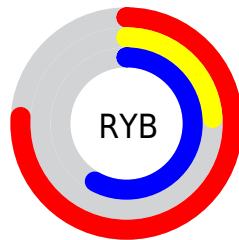
Distribution



Red (76%)

Green (24%)

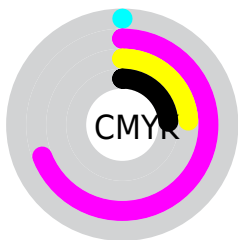
Blue (58%)



Red (76%)

Yellow (24%)

Blue (58%)

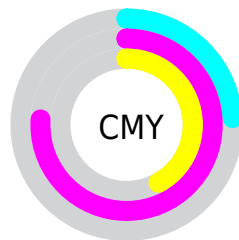


Cyan (0%)

Magenta (69%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (76%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0037, 0.3852, 0.2217 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 17.0037, 0.3852, 0.2217 by changing the saturation by 10% instead.


 17.0037, 0.3852,
0.2217


 17.0037, 0.3852,
0.2217


235.1937, 0.3457,
0.2788


 10.2371, 0.3961,
0.2065


 38.3321, 0.3701,
0.2432


 5.5565, 0.4109,
0.1865


 53.6628, 0.3646,
0.2510

 2.5773, 0.4315,
0.1593

 72.6169, 0.3601,
0.2576

 0.9153, 0.4624,
0.1211

 95.5789, 0.3563,
0.2631

 0.0000, 0.5482,
0.0000

 122.9332, 0.3531,
0.2679

 0.0000, 1.0000,
0.0000

155.0642, 0.3503,

 0.0000, 0.0000,

0.2720

0.0000

192.3562, 0.3479,
0.2756

■ 17.0037, 0.3852,
0.2217

■ 17.0037, 0.3852,
0.2217

■ 15.1173, 0.4001,
0.2146

■ 19.6565, 0.3710,
0.2329

■ 13.9070, 0.4150,
0.2122

■ 23.1474, 0.3578,
0.2471

■ 13.2203, 0.4297,
0.2145

■ 27.5427, 0.3459,
0.2632

■ 13.1734, 0.4308,
0.2147

■ 32.9015, 0.3355,
0.2802

■ 39.2777, 0.3264,
0.2974

■ 46.7212, 0.3187,
0.3142

■ 55.2786, 0.3122,
0.3302

■ 64.9938, 0.3068,
0.3453

■ 75.9083, 0.3022,
0.3593

Harmonies

Analogous

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



17.0037, 0.2602, 0.1765



17.0037, 0.3852, 0.2217



17.0037, 0.5047, 0.2866

Triad

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



17.0037, 0.3852, 0.2217



17.0037, 0.4285, 0.5261



17.0037, 0.1200, 0.2228

Complementary

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



17.0037, 0.3852, 0.2217



41.0301, 0.2811, 0.4809

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.



17.0037, 0.1462, 0.3345



17.0037, 0.3852, 0.2217



17.0037, 0.3213, 0.5654

Square

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



17.0037, 0.3852, 0.2217



17.0037, 0.5158, 0.4423



17.0037, 0.2173, 0.4868



17.0037, 0.1300, 0.1703

Rectangle

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



17.0037, 0.3852, 0.2217



17.0037, 0.5466, 0.3351



17.0037, 0.2173, 0.4868



17.0037, 0.1243, 0.2527

Sweetspot

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



17.0046, 0.3852, 0.2217



67.7893, 0.3282, 0.2938



10.1780, 0.2158, 0.1270



14.1237, 0.3307, 0.2889



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



17.0046, 0.3852, 0.2217



25.8381, 0.4077, 0.2127



15.4524, 0.5049, 0.3040



10.1873, 0.3188, 0.3139



8.5789, 0.4289, 0.2137



0.3832, 0.3991, 0.1972

Inverse Universe

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



17.0046, 0.3852, 0.2217



25.8381, 0.4077, 0.2127



42.9865, 0.2449, 0.3646



10.1873, 0.3188, 0.3139



8.5789, 0.4289, 0.2137



0.3832, 0.3991, 0.1972

Previews

White Background



This preview shows how the Yxy color 17.0037, 0.3852, 0.2217 looks on a white background.

Color Contrast Check

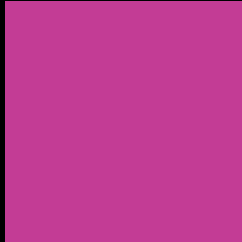
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.0037, 0.3852, 0.2217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

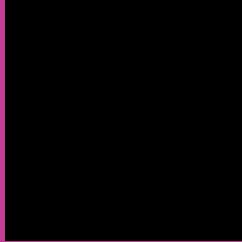
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0037, 0.3852, 0.2217

Background



This preview shows how black text looks on a background with the Yxy color 17.0037, 0.3852, 0.2217.



This preview shows how white text looks on a background with the Yxy color 17.0037, 0.3852, 0.2217.

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

17.0037, 0.3852, 0.2217

Protanopia

17.4128, 0.2159, 0.1993

Deuteranopia

17.2441, 0.2809, 0.2765



Tritanopia

16.8921, 0.4834, 0.3231

Trichromacy



Original Color

17.0037, 0.3852, 0.2217



Protanomaly

15.3856, 0.2574, 0.1975



Deuteranomaly

15.8587, 0.3153, 0.2455



Tritanomaly

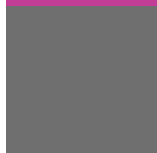
16.6444, 0.4491, 0.2832

Monochromacy



Original Color

17.0037, 0.3852, 0.2217



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

14.8857, 0.3406, 0.2713

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0037, 0.3852, 0.2217 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(195, 60, 149)` looks like.

```
.text, #text, p{  
    color:rgb(195, 60, 149)  
}
```

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(195, 60, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 60, 149) }
```

Border

The CSS property to change the border of an element to Yxy 17.0037, 0.3852, 0.2217 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(195, 60, 149) }
```

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

```
.border{ border-color:rgb(195, 60, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 60, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 60, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 60, 149);  
box-shadow:4px 4px 4px 4px rgb(195, 60,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0037, 0.3852, 0.2217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 60, 149) }
```

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

```
.background{ background-color: rgb(195, 60,  
149) }
```

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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