

Converting Colors

Yxy(23.4685, 0.3718, 0.2396)

Have a look what the booklet for
Yxy(23.4685, 0.3718, 0.2396)
contains.

Yxy(23.4388, 0.3717, 0.2389)	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(23.4388, 0.3717, 0.2389)

Conversions

Conversions Part 1

Format	Color
Hex	D05AA5
RGB	208, 90, 165
RGB Percent	82%, 35%, 65%
CMY	0.1842, 0.6472, 0.3529
CMYK	0.00, 0.57, 0.21, 0.18
HSL	322°, 56%, 58%
HSV	322°, 57%, 82%
XYZ	36.4680, 23.4388, 38.2046
YIQ	133.8320, 46.2530, 48.3410

Conversions

Conversions Part 2

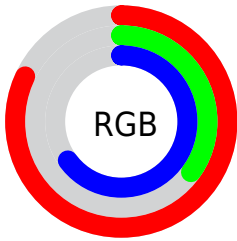
Format	Color
R _Y B	208, 90, 165
Decimal	13654693
CIE Lab	55.52, 55.04, -17.75
CIE LCh	56, 57.834, 342.126
Yxy	23.4388, 0.3717, 0.2389
Android (android.graphics.Color)	4291844773 (0xFFD05AA5)
YUV	133.8320, 15.3658, 65.0453
Hunter-Lab	48.4136, 49.7328, -12.8979

Details

The Yxy color **23.4388, 0.3717, 0.2389** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **48.9943, 0.2819, 0.4453**, and the grayscale version is **23.7034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6781, 0.3488, 0.2533**, and **8.8046, 0.3915, 0.2120** is the 20% darker color. If you saturate the color by 10%, you get **20.1413, 0.3870, 0.2273**, and if you desaturate by 10%, it is **27.7368, 0.3577, 0.2532**.

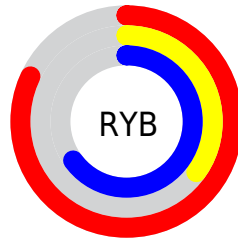
Distribution



Red (82%)

Green (35%)

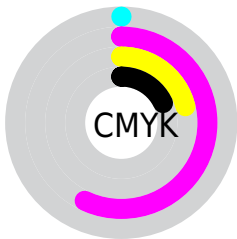
Blue (65%)



Red (82%)

Yellow (35%)

Blue (65%)

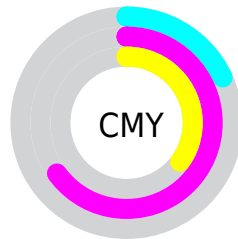


Cyan (0%)

Magenta (57%)

Yellow (21%)

Black (18%)



Cyan (18%)


Magenta (65%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4388, 0.3717, 0.2389 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 23.4388, 0.3717, 0.2389 by changing the saturation by 10% instead.


 23.4388, 0.3717,
0.2389


 23.4388, 0.3717,
0.2389

269.9708, 0.3407,
0.2853


 14.9178, 0.3799,
0.2270


 49.1128, 0.3601,
0.2560


 8.7617, 0.3907,
0.2115


 67.0347, 0.3559,
0.2624

 4.5861, 0.4054,
0.1908


 88.8590, 0.3523,
0.2677

 2.0065, 0.4267,
0.1618

 114.9702, 0.3493,
0.2723

 0.6113, 0.4621,
0.1150

145.7525, 0.3467,
0.2762

 0.0000, 0.5545,
0.0000

181.5905, 0.3444,

 0.0000, 0.0000,

0.2797

0.0000

222.8684, 0.3425,
0.2827

■ 23.4388, 0.3717,
0.2389

■ 23.4388, 0.3717,
0.2389

■ 20.1413, 0.3870,
0.2273

■ 27.7368, 0.3577,
0.2532

■ 17.7561, 0.4031,
0.2196

■ 33.1065, 0.3453,
0.2692

■ 16.1859, 0.4195,
0.2167

■ 39.6168, 0.3345,
0.2858

■ 15.3021, 0.4356,
0.2189

■ 47.3297, 0.3252,
0.3024

■ 15.0870, 0.4408,
0.2202

■ 56.3026, 0.3173,
0.3186

■ 66.5896, 0.3107,
0.3339

■ 78.2411, 0.3052,
0.3482

■ 90.4073, 0.3006,
0.3601

■ 90.8319, 0.2965,
0.3519

Harmonies

Analogous

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



23.4388, 0.2701, 0.1991



23.4388, 0.3717, 0.2389



23.4388, 0.4670, 0.2965

Triad

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



23.4388, 0.3717, 0.2389



23.4388, 0.4180, 0.4962



23.4388, 0.1486, 0.2451

Complementary

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



23.4388, 0.3717, 0.2389



48.9943, 0.2819, 0.4453

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.



23.4388, 0.1748, 0.3377



23.4388, 0.3717, 0.2389



23.4388, 0.3278, 0.5163

Square

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



23.4388, 0.3717, 0.2389



23.4388, 0.4869, 0.4331



23.4388, 0.2384, 0.4525



23.4388, 0.1563, 0.1965

Rectangle

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



23.4388, 0.3717, 0.2389



23.4388, 0.5032, 0.3402



23.4388, 0.2384, 0.4525



23.4388, 0.1533, 0.2711

Sweetspot

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



23.4400, 0.3717, 0.2389



74.4161, 0.3256, 0.3017



16.7127, 0.2378, 0.1626



15.3662, 0.3273, 0.2983



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.



23.4400, 0.3717, 0.2389



31.0318, 0.3902, 0.2254



21.7989, 0.4574, 0.3080



11.9329, 0.3193, 0.3143



9.4187, 0.4386, 0.2190



0.5416, 0.4115, 0.2041

Inverse Universe

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



23.4400, 0.3717, 0.2389



31.0318, 0.3902, 0.2254



51.0329, 0.2508, 0.3544



11.9329, 0.3193, 0.3143



9.4187, 0.4386, 0.2190



0.5416, 0.4115, 0.2041

Previews

White Background



This preview shows how the Yxy color 23.4388, 0.3717, 0.2389 looks on a white background.

Color Contrast Check

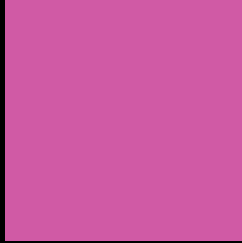
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 23.4388, 0.3717, 0.2389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

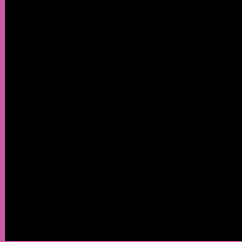
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4388, 0.3717, 0.2389

Background



This preview shows how black text looks on a background with the Yxy color 23.4388, 0.3717, 0.2389.



This preview shows how white text looks on a background with the Yxy color 23.4388, 0.3717, 0.2389.

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

23.4388, 0.3717, 0.2389

Protanopia

23.6629, 0.2383, 0.2277

Deuteranopia

23.5368, 0.2877, 0.2813



Tritanopia

23.5228, 0.4399, 0.3204

Trichromacy



Original Color

23.4388, 0.3717, 0.2389

Protanomaly

22.1966, 0.2759, 0.2265

Deuteranomaly

22.4117, 0.3160, 0.2598

Tritanomaly

23.3262, 0.4158, 0.2889

Monochromacy



Original Color

23.4388, 0.3717, 0.2389

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.5783, 0.3343, 0.2872

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4388, 0.3717, 0.2389 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(208, 90, 165)` looks like.

```
.text, #text, p{  
    color:rgb(208, 90, 165)  
}
```

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(208, 90, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 90, 165) }
```

Border

The CSS property to change the border of an element to Yxy 23.4388, 0.3717, 0.2389 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(208, 90, 165) }
```

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

```
.border{ border-color:rgb(208, 90, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 90, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 90, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 90, 165);  
box-shadow:4px 4px 4px 4px rgb(208, 90,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4388, 0.3717, 0.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 90, 165) }
```

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

```
.background{ background-color: rgb(208, 90,  
165) }
```

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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