

Converting Colors

$Y_{xy}(23.6689, 0.3817, 0.2081)$

Have a look what the booklet for
Yxy(23.6689, 0.3817, 0.2081)
contains.

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Color

Yxy(23.5593, 0.3815, 0.2079)

Conversions

Conversions Part 1

Format	Color
Hex	E83AB6
RGB	232, 58, 182
RGB Percent	91%, 23%, 71%
CMY	0.0903, 0.7724, 0.2862
CMYK	0.00, 0.75, 0.22, 0.09
HSL	317°, 79%, 57%
HSV	317°, 75%, 91%
XYZ	43.2317, 23.5593, 46.5293
YIQ	124.1620, 63.9000, 75.4520

Conversions

Conversions Part 2

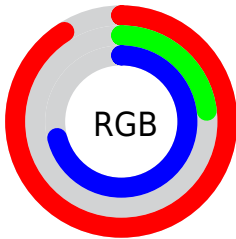
Format	Color
R _Y B	232, 58, 182
Decimal	15219382
CIE Lab	55.64, 75.72, -27.12
CIE LCh	56, 80.426, 340.293
Yxy	23.5593, 0.3815, 0.2079
Android (android.graphics.Color)	4293409462 (0xFFE83AB6)
YUV	124.1620, 28.5141, 94.5739
Hunter-Lab	48.5379, 74.0448, -22.8599

Details

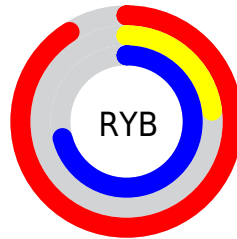
The Yxy color **23.5593, 0.3815, 0.2079** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **59.6872, 0.2848, 0.5104**, and the grayscale version is **20.1057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1078, 0.3341, 0.2162**, and **10.3556, 0.3958, 0.1954** is the 20% darker color. If you saturate the color by 10%, you get **21.4542, 0.3937, 0.2028**, and if you desaturate by 10%, it is **26.7327, 0.3694, 0.2176**.

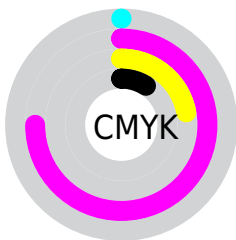
Distribution



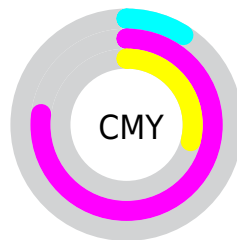
- Red (91%)
- Green (23%)
- Blue (71%)



- Red (91%)
- Yellow (23%)
- Blue (71%)



- Cyan (0%)
- Magenta (75%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (77%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.5593, 0.3815, 0.2079 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 23.5593, 0.3815, 0.2079 by changing the saturation by 10% instead.


 23.5593, 0.3815,
0.2079


 23.5593, 0.3815,
0.2079


270.5848, 0.3469,
0.2678


 15.0070, 0.3901,
0.1934


 49.3101, 0.3689,
0.2294


 8.8243, 0.4010,
0.1753


 67.2774, 0.3642,
0.2375


 4.6268, 0.4152,
0.1520


 89.1518, 0.3602,
0.2445

 2.0300, 0.4344,
0.1215

 115.3178, 0.3568,
0.2505

 0.6248, 0.4625,
0.0787

 146.1597, 0.3538,
0.2556

 0.0000, 0.5147,
0.0000

182.0619, 0.3512,


 0.0000, 0.6710,


0.2602


0.0000

223.4088, 0.3489,
0.2642


 0.0000, 0.0000,
0.0000

 23.5593, 0.3815,
0.2079


 23.5593, 0.3815,
0.2079

 21.4542, 0.3937,
0.2028


 26.7327, 0.3694,
0.2176


 20.2598, 0.4055,
0.2027


 31.0965, 0.3579,
0.2311


 19.8818, 0.4114,
0.2040

 36.7597, 0.3472,
0.2473


 43.8184, 0.3376,
0.2652

 52.3593, 0.3291,
0.2838

 62.4621, 0.3218,
0.3023

 74.2008, 0.3155,
0.3203

 87.6447, 0.3102,
0.3375

 95.0833, 0.3060,
0.3420

Harmonies

Analogous

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



23.5593, 0.2459, 0.1622



23.5593, 0.3815, 0.2079



23.5593, 0.5183, 0.2751

Triad

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



23.5593, 0.3815, 0.2079



23.5593, 0.4395, 0.5335



23.5593, 0.1060, 0.2167

Complementary

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



23.5593, 0.3815, 0.2079



59.6872, 0.2848, 0.5104

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.



23.5593, 0.1346, 0.3441



23.5593, 0.3815, 0.2079



23.5593, 0.3243, 0.5933

Square

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



23.5593, 0.3815, 0.2079



23.5593, 0.5351, 0.4373



23.5593, 0.2122, 0.5191



23.5593, 0.1147, 0.1590

Rectangle

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



23.5593, 0.3815, 0.2079



23.5593, 0.5678, 0.3250



23.5593, 0.2122, 0.5191



23.5593, 0.1108, 0.2503

Sweetspot

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



23.5605, 0.3815, 0.2079



68.2859, 0.3269, 0.2891



12.0008, 0.1986, 0.1075



13.9258, 0.3290, 0.2841



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.



23.5605, 0.3815, 0.2079



25.6538, 0.4002, 0.2022



21.0222, 0.5194, 0.2960



14.5409, 0.3182, 0.3124



11.0622, 0.4096, 0.2030



0.8333, 0.3936, 0.1942

Inverse Universe

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



23.5605, 0.3815, 0.2079



25.6538, 0.4002, 0.2022



62.5126, 0.2461, 0.3811



14.5409, 0.3182, 0.3124



11.0622, 0.4096, 0.2030



0.8333, 0.3936, 0.1942

Previews

White Background



This preview shows how the Yxy color 23.5593, 0.3815, 0.2079 looks on a white background.

Color Contrast Check

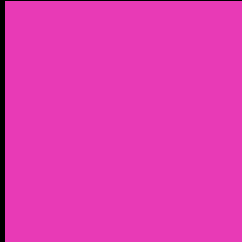
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5593, 0.3815, 0.2079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

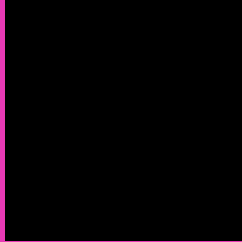
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5593, 0.3815, 0.2079

Background



This preview shows how black text looks on a background with the Yxy color 23.5593, 0.3815, 0.2079.



This preview shows how white text looks on a background with the Yxy color 23.5593, 0.3815, 0.2079.

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

23.5593, 0.3815, 0.2079

Protanopia

23.9911, 0.1990, 0.1765

Deuteranopia

23.6468, 0.2681, 0.2624



Tritanopia

23.4364, 0.4993, 0.3243

Trichromacy



Original Color

23.5593, 0.3815, 0.2079



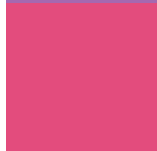
Protanomaly

20.2809, 0.2387, 0.1734



Deuteranomaly

21.0346, 0.3044, 0.2262



Tritanomaly

22.9804, 0.4586, 0.2776

Monochromacy



Original Color

23.5593, 0.3815, 0.2079



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

18.9452, 0.3400, 0.2600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5593, 0.3815, 0.2079 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(232, 58, 182)` looks like.

```
.text, #text, p{  
    color:rgb(232, 58, 182)  
}
```

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(232, 58, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 58, 182) }
```

Border

The CSS property to change the border of an element to Yxy 23.5593, 0.3815, 0.2079 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(232, 58, 182) }
```

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

```
.border{ border-color:rgb(232, 58, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 58, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 58, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 58, 182); box-shadow:4px 4px 4px 4px rgb(232, 58, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5593, 0.3815, 0.2079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 58, 182) }
```

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

```
.background{ background-color: rgb(232, 58,  
182) }
```

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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