

Converting Colors

$Y_{xy}(23.0851, 0.3585, 0.1786)$

Have a look what the booklet for
Yxy(23.0851, 0.3585, 0.1786)
contains.

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Color

Yxy(23.0656, 0.3584, 0.1787)

Conversions

Conversions Part 1

Format	Color
Hex	ED18CD
RGB	237, 24, 205
RGB Percent	93%, 9%, 80%
CMY	0.0707, 0.9051, 0.1962
CMYK	0.00, 0.90, 0.14, 0.07
HSL	309°, 86%, 51%
HSV	309°, 90%, 93%
XYZ	46.2603, 23.0656, 59.7486
YIQ	108.3210, 68.8470, 101.4470

Conversions

Conversions Part 2

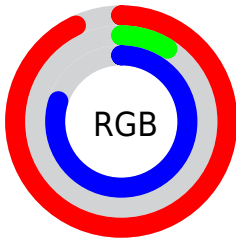
Format	Color
R _Y B	237, 24, 205
Decimal	15538381
CIE Lab	55.14, 86.67, -41.08
CIE LCh	55, 95.910, 334.636
Yxy	23.0656, 0.3584, 0.1787
Android (android.graphics.Color)	4293728461 (0xFFED18CD)
YUV	108.3210, 47.6627, 112.8515
Hunter-Lab	48.0267, 87.8882, -40.1423

Details

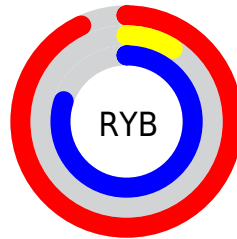
The Yxy color **23.0656, 0.3584, 0.1787** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **61.0357, 0.2951, 0.5742**, and the grayscale version is **14.9694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5832, 0.3192, 0.1914**, and **11.4321, 0.3620, 0.1768** is the 20% darker color. If you saturate the color by 10%, you get **22.2462, 0.3636, 0.1777**, and if you desaturate by 10%, it is **24.6844, 0.3529, 0.1837**.

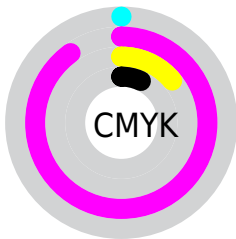
Distribution



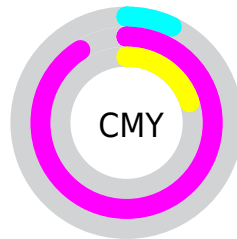
- Red (93%)
- Green (9%)
- Blue (80%)



- Red (93%)
- Yellow (9%)
- Blue (80%)



- Cyan (0%)
- Magenta (90%)
- Yellow (14%)
- Black (7%)




- Cyan (7%)
- Magenta (91%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0656, 0.3584, 0.1787 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 23.0656, 0.3584, 0.1787 by changing the saturation by 10% instead.


 23.0656, 0.3584,
0.1787


 23.0656, 0.3584,
0.1787

268.0617, 0.3382,
0.2500


 14.6420, 0.3625,
0.1625


 48.5010, 0.3517,
0.2035

 8.5685, 0.3671,
0.1429


 66.2816, 0.3490,
0.2132

 4.4608, 0.3723,
0.1187


 87.9499, 0.3467,
0.2215

 1.9345, 0.3774,
0.0891

 113.8904, 0.3446,
0.2287

 0.5690, 0.3820,
0.0509

 144.4874, 0.3427,
0.2350

 0.0000, 0.3838,
0.0000

180.1254, 0.3410,


 0.0000, 0.3370,

0.2406

0.0000


221.1887, 0.3395,
0.2456


 0.0000, 0.0000,
0.0000


 23.0656, 0.3584,
0.1787


 23.0656, 0.3584,
0.1787


 22.2462, 0.3636,
0.1777

 24.6844, 0.3529,
0.1837

 22.2319, 0.3637,
0.1777

 27.3390, 0.3471,
0.1932

 31.1751, 0.3412,
0.2070

 36.3144, 0.3354,
0.2242

 42.8637, 0.3300,
0.2439

■ 50.9183, 0.3249,
0.2651

■ 60.5655, 0.3203,
0.2869

■ 71.8859, 0.3162,
0.3085

■ 84.9545, 0.3126,
0.3294

Harmonies

Analogous

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



23.0656, 0.2103, 0.1354



23.0656, 0.3584, 0.1787



23.0656, 0.5310, 0.2475

Triad

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



23.0656, 0.3584, 0.1787



23.0656, 0.4681, 0.5319



23.0656, 0.0834, 0.2141

Complementary

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



23.0656, 0.3584, 0.1787



61.0357, 0.2951, 0.5742

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.



23.0656, 0.1183, 0.3819



23.0656, 0.3584, 0.1787



23.0656, 0.3349, 0.6338

Square

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



23.0656, 0.3584, 0.1787



23.0656, 0.5747, 0.4147



23.0656, 0.2100, 0.5984



23.0656, 0.0878, 0.1423

Rectangle

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



23.0656, 0.3584, 0.1787



23.0656, 0.6016, 0.2988



23.0656, 0.2100, 0.5984



23.0656, 0.0896, 0.2573

Sweetspot

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



23.0668, 0.3584, 0.1787



63.0119, 0.3236, 0.2709



7.6178, 0.1635, 0.0722



12.7078, 0.3252, 0.2635



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.



23.0668, 0.3584, 0.1787



26.2511, 0.3639, 0.1778



19.5552, 0.5312, 0.2772



15.2726, 0.3161, 0.3092



12.1568, 0.3629, 0.1773



0.9652, 0.3562, 0.1736

Inverse Universe

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



23.0668, 0.3584, 0.1787



26.2511, 0.3639, 0.1778



63.3746, 0.2562, 0.4362



15.2726, 0.3161, 0.3092



12.1568, 0.3629, 0.1773



0.9652, 0.3562, 0.1736

Previews

White Background



This preview shows how the Yxy color 23.0656, 0.3584, 0.1787 looks on a white background.

Color Contrast Check

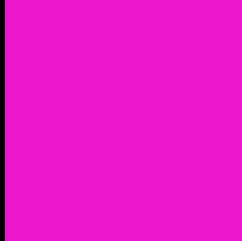
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0656, 0.3584, 0.1787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

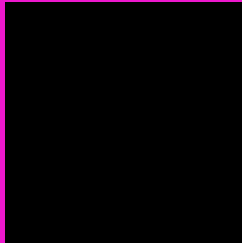
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0656, 0.3584, 0.1787

Background



This preview shows how black text looks on a background with the Yxy color 23.0656, 0.3584, 0.1787.



This preview shows how white text looks on a background with the Yxy color 23.0656, 0.3584, 0.1787.

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

23.0656, 0.3584, 0.1787

Protanopia

23.8503, 0.1856, 0.1597

Deuteranopia

23.5409, 0.2375, 0.2323



Tritanopia

23.0598, 0.5097, 0.3245

Trichromacy



Original Color

23.0656, 0.3584, 0.1787



Protanomaly

17.8817, 0.2147, 0.1404



Deuteranomaly

18.8285, 0.2714, 0.1858



Tritanomaly

21.9069, 0.4576, 0.2607

Monochromacy



Original Color

23.0656, 0.3584, 0.1787



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

14.4005, 0.3352, 0.2277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0656, 0.3584, 0.1787 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(237, 24, 205)` looks like.

```
.text, #text, p{  
    color:rgb(237, 24, 205)  
}
```

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(237, 24, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 24, 205) }
```

Border

The CSS property to change the border of an element to Yxy 23.0656, 0.3584, 0.1787 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(237, 24, 205) }
```

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

```
.border{ border-color:rgb(237, 24, 205) }
```

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

Here you see how a box with a 4 pixel rgb(237, 24, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 24, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 24, 205);  
box-shadow:4px 4px 4px 4px rgb(237, 24,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0656, 0.3584, 0.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 24, 205) }
```

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

```
.background{ background-color: rgb(237, 24,  
205) }
```

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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