

Converting Colors

Yxy(24.3141, 0.3467, 0.1698)

Have a look what the booklet for
Yxy(24.3141, 0.3467, 0.1698)
contains.

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Color

Yxy(24.2547, 0.3467, 0.1698)

Conversions

Conversions Part 1

Format	Color
Hex	F20CDB
RGB	242, 12, 219
RGB Percent	95%, 5%, 86%
CMY	0.0511, 0.9516, 0.1413
CMYK	0.00, 0.95, 0.10, 0.05
HSL	306°, 90%, 50%
HSV	306°, 95%, 95%
XYZ	49.5236, 24.2547, 69.0645
YIQ	104.3680, 70.6330, 113.1370

Conversions

Conversions Part 2

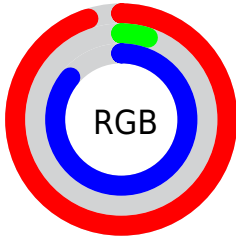
Format	Color
R _{YB}	242, 12, 219
Decimal	15863003
CIE Lab	56.34, 90.52, -47.11
CIE LCh	56, 102.049, 332.504
Yxy	24.2547, 0.3467, 0.1698
Android (android.graphics.Color)	4294053083 (0xFFFF20CDB)
YUV	104.3680, 56.5136, 120.7033
Hunter-Lab	49.2491, 93.3091, -48.6711

Details

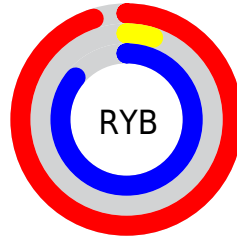
The Yxy color **24.2547, 0.3467, 0.1698** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **63.6898, 0.2979, 0.5891**, and the grayscale version is **13.8333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1805, 0.3192, 0.1900**, and **12.4681, 0.3476, 0.1689** is the 20% darker color. If you saturate the color by 10%, you get **23.9194, 0.3484, 0.1693**, and if you desaturate by 10%, it is **25.4082, 0.3433, 0.1732**.

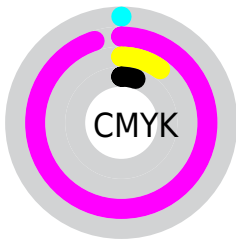
Distribution



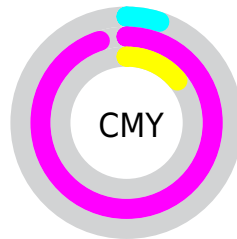
- Red (95%)
- Green (5%)
- Blue (86%)



- Red (95%)
- Yellow (5%)
- Blue (86%)



- Cyan (0%)
- Magenta (95%)
- Yellow (10%)
- Black (5%)




- Cyan (5%)
- Magenta (95%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2547, 0.3467, 0.1698 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 24.2547, 0.3467, 0.1698 by changing the saturation by 10% instead.


 24.2547, 0.3467,
0.1698


 24.2547, 0.3467,
0.1698


274.1056, 0.3335,
0.2436


 15.5227, 0.3488,
0.1536


 50.4455, 0.3428,
0.1950

 9.1870, 0.3508,
0.1341


 68.6731, 0.3411,
0.2050


 4.8634, 0.3523,
0.1107


 90.8346, 0.3395,
0.2136

 2.1673, 0.3524,
0.0826

 117.3145, 0.3381,
0.2211

 0.7021, 0.3490,
0.0494

 148.4972, 0.3367,
0.2278

 0.0000, 0.3414,
0.0000

184.7670, 0.3356,

 0.0000, 0.2978,

0.2336


0.0000


226.5083, 0.3345,
0.2389


 0.0000, 0.0000,
0.0000


 24.2547, 0.3467,
0.1698

 24.2547, 0.3467,
0.1698


 23.9194, 0.3484,
0.1693

 25.4082, 0.3433,
0.1732

 27.5539, 0.3396,
0.1810

 30.8639, 0.3356,
0.1932

 35.4773, 0.3316,
0.2094

 41.5137, 0.3276,
0.2287

■ 49.0793, 0.3238,
0.2501

■ 58.2699, 0.3202,
0.2728

■ 69.1739, 0.3170,
0.2957

■ 81.8728, 0.3140,
0.3183

Harmonies

Analogous

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



24.2547, 0.1981, 0.1282



24.2547, 0.3467, 0.1698



24.2547, 0.5291, 0.2383

Triad

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



24.2547, 0.3467, 0.1698



24.2547, 0.4765, 0.5235



24.2547, 0.0782, 0.2169

Complementary

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



24.2547, 0.3467, 0.1698



63.6898, 0.2979, 0.5891

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.



24.2547, 0.1159, 0.4001



24.2547, 0.3467, 0.1698



24.2547, 0.3402, 0.6394

Square

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



24.2547, 0.3467, 0.1698



24.2547, 0.5872, 0.4051



24.2547, 0.2121, 0.6242



24.2547, 0.0810, 0.1393

Rectangle

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



24.2547, 0.3467, 0.1698



24.2547, 0.6081, 0.2897



24.2547, 0.2121, 0.6242



24.2547, 0.0852, 0.2640

Sweetspot

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



24.2559, 0.3467, 0.1698



62.1428, 0.3213, 0.2655



7.0434, 0.1556, 0.0650



12.3485, 0.3229, 0.2557



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.



24.2559, 0.3467, 0.1698



26.9425, 0.3484, 0.1693



20.1468, 0.5278, 0.2709



16.0025, 0.3153, 0.3080



12.8651, 0.3478, 0.1690



1.0781, 0.3439, 0.1668

Inverse Universe

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



24.2559, 0.3467, 0.1698



26.9425, 0.3484, 0.1693



65.7723, 0.2620, 0.4605



16.0025, 0.3153, 0.3080



12.8651, 0.3478, 0.1690



1.0781, 0.3439, 0.1668

Previews

White Background



This preview shows how the Yxy color 24.2547, 0.3467, 0.1698 looks on a white background.

Color Contrast Check

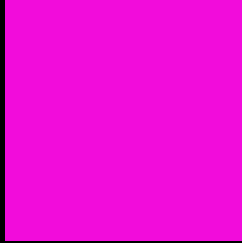
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2547, 0.3467, 0.1698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

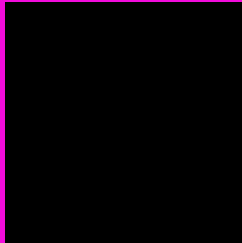
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2547, 0.3467, 0.1698

Background



This preview shows how black text looks on a background with the Yxy color 24.2547, 0.3467, 0.1698.



This preview shows how white text looks on a background with the Yxy color 24.2547, 0.3467, 0.1698.

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

24.2547, 0.3467, 0.1698

Protanopia

24.9515, 0.1893, 0.1646

Deuteranopia

24.6677, 0.2270, 0.2205



Tritanopia

24.4121, 0.5048, 0.3245

Trichromacy



Original Color

24.2547, 0.3467, 0.1698



Protanomaly

18.2155, 0.2170, 0.1369



Deuteranomaly

18.8855, 0.2580, 0.1696



Tritanomaly

22.5591, 0.4511, 0.2535

Monochromacy



Original Color

24.2547, 0.3467, 0.1698



Achromatopsia

14.1263, 0.3127, 0.3290



Achromatomaly

13.5504, 0.3316, 0.2144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2547, 0.3467, 0.1698 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(242, 12, 219)` looks like.

```
.text, #text, p{  
    color:rgb(242, 12, 219)  
}
```

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(242, 12, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 12, 219) }
```

Border

The CSS property to change the border of an element to Yxy 24.2547, 0.3467, 0.1698 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(242, 12, 219) }
```

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

```
.border{ border-color:rgb(242, 12, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 12, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 12, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 12, 219); box-shadow:4px 4px 4px 4px rgb(242, 12, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2547, 0.3467, 0.1698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 12, 219) }
```

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

```
.background{ background-color: rgb(242, 12,  
219) }
```

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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