

Converting Colors

$Y_{xy}(23.0312, 0.5301, 0.2780)$

Have a look what the booklet for
Yxy(23.0312, 0.5301, 0.2780)
contains.

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Color

Yxy(23.0400, 0.5310, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	FE1E6A
RGB	254, 30, 106
RGB Percent	100%, 12%, 42%
CMY	0.0039, 0.8825, 0.5842
CMYK	0.00, 0.88, 0.58, 0.00
HSL	340°, 99%, 56%
HSV	340°, 88%, 100%
XYZ	43.9448, 23.0400, 15.7738
YIQ	105.6400, 109.1080, 71.1240

Conversions

Conversions Part 2

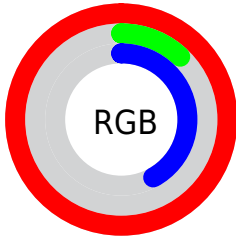
Format	Color
R_{YB}	254, 30, 106
Decimal	16653930
CIE _{Lab}	55.11, 80.10, 17.57
CIE _{LCh}	55, 82.008, 12.371
Yxy	23.0400, 0.5310, 0.2784
Android (android.graphics.Color)	4294844010 (0xFFFE1E6A)
YUV	105.6400, 0.1775, 130.1117
Hunter-Lab	48.0000, 79.4198, 14.1161

Details

The Yxy color **23.0400, 0.5310, 0.2784** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **74.3821, 0.2551, 0.4311**, and the grayscale version is **14.2806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2097, 0.4292, 0.2792**, and **11.2734, 0.5711, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **21.8984, 0.5615, 0.2877**, and if you desaturate by 10%, it is **25.2654, 0.4969, 0.2739**.

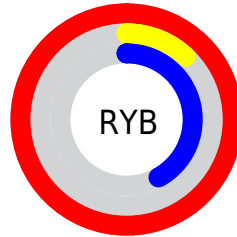
Distribution



Red (100%)

Green (12%)

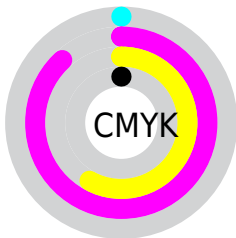
Blue (42%)



Red (100%)

Yellow (12%)

Blue (42%)

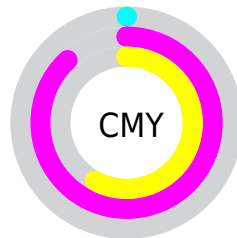


Cyan (0%)

Magenta (88%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (88%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0400, 0.5310, 0.2784 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 23.0400, 0.5310, 0.2784 by changing the saturation by 10% instead.


 23.0400, 0.5310,
0.2784


 23.0400, 0.5310,
0.2784


267.9304, 0.4103,
0.3112

 14.6230, 0.5639,
0.2675


 48.4590, 0.4848,
0.2923


 8.5553, 0.6072,
0.2520


 66.2298, 0.4681,
0.2969


 4.4523, 0.6654,
0.2287

 87.8874, 0.4543,
0.3005

 1.9296, 0.7476,
0.1930

 113.8161, 0.4427,
0.3035

 0.5661, 0.8706,
0.1294

 144.4004, 0.4328,
0.3059

 0.0000, 1.0000,
0.0000

180.0246, 0.4242,

 0.0000, 0.0000,

0.3080

0.0000

221.0731, 0.4168,
0.3097

■ 23.0400, 0.5310,
0.2784

■ 23.0400, 0.5310,
0.2784

■ 21.8984, 0.5615,
0.2877

■ 25.2654, 0.4969,
0.2739


■ 21.7499, 0.5666,
0.2895


■ 28.8038, 0.4621,
0.2744

■ 33.8271, 0.4293,
0.2789

■ 40.4797, 0.4001,
0.2860

■ 48.8887, 0.3750,
0.2946

 59.1685, 0.3539,
0.3039

 71.4239, 0.3366,
0.3132

 85.7518, 0.3224,
0.3221

99.8141, 0.3121,
0.3290

Harmonies

Analogous

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



23.0400, 0.3937, 0.2095



23.0400, 0.5310, 0.2784



23.0400, 0.5804, 0.3555

Triad

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



23.0400, 0.5310, 0.2784



23.0400, 0.3145, 0.6008



23.0400, 0.1132, 0.1534

Complementary

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



23.0400, 0.5310, 0.2784



74.3821, 0.2551, 0.4311

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.



23.0400, 0.1019, 0.2077



23.0400, 0.5310, 0.2784



23.0400, 0.2021, 0.5141

Square

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



23.0400, 0.5310, 0.2784



23.0400, 0.4324, 0.5430



23.0400, 0.1273, 0.3322



23.0400, 0.1595, 0.1420

Rectangle

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



23.0400, 0.5310, 0.2784



23.0400, 0.5570, 0.4126



23.0400, 0.1273, 0.3322



23.0400, 0.1058, 0.1656

Sweetspot

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



23.0414, 0.5310, 0.2784



62.2400, 0.3498, 0.3060



17.2659, 0.2433, 0.1162



12.4732, 0.3564, 0.3027



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.



23.0414, 0.5310, 0.2784



21.9412, 0.5667, 0.2895



24.7852, 0.6007, 0.3469



18.0888, 0.3241, 0.3210



11.4897, 0.5623, 0.2871



1.1382, 0.5306, 0.2697

Inverse Universe

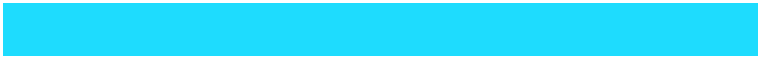
The Inverse Universe completely reimagines the original color for something new.



23.0414, 0.5310, 0.2784



21.9412, 0.5667, 0.2895



58.8328, 0.2144, 0.2859



18.0888, 0.3241, 0.3210



11.4897, 0.5623, 0.2871



1.1382, 0.5306, 0.2697

Previews

White Background



This preview shows how the Yxy color 23.0400, 0.5310, 0.2784 looks on a white background.

Color Contrast Check

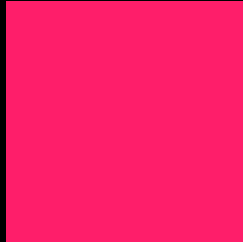
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0400, 0.5310, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

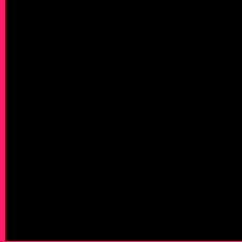
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0400, 0.5310, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 23.0400, 0.5310, 0.2784.



This preview shows how white text looks on a background with the Yxy color 23.0400, 0.5310, 0.2784.

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

23.0400, 0.5310, 0.2784

Protanopia

23.1341, 0.2901, 0.2950

Deuteranopia

23.1914, 0.3864, 0.3796



Tritanopia

23.1138, 0.5965, 0.3298

Trichromacy



Original Color

23.0400, 0.5310, 0.2784



Protanomaly

18.7533, 0.3703, 0.2688



Deuteranomaly

19.7809, 0.4491, 0.3188



Tritanomaly

22.9808, 0.5781, 0.3130

Monochromacy



Original Color

23.0400, 0.5310, 0.2784



Achromatopsia

14.4128, 0.3127, 0.3290



Achromatomaly

13.9630, 0.4040, 0.2845

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0400, 0.5310, 0.2784 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(254, 30, 106)` looks like.

```
.text, #text, p{  
  color:rgb(254, 30, 106)  
}
```

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(254, 30, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 30, 106) }
```

Border

The CSS property to change the border of an element to Yxy 23.0400, 0.5310, 0.2784 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(254, 30, 106) }
```

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

```
.border{ border-color:rgb(254, 30, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 30, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 30, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 30, 106);  
box-shadow:4px 4px 4px 4px rgb(254, 30,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0400, 0.5310, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 30, 106) }
```

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

```
.background{ background-color: rgb(254, 30,  
106) }
```

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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