

Converting Colors

$Y_{xy}(23.0138, 0.5330, 0.2776)$

Have a look what the booklet for
Yxy(23.0138, 0.5330, 0.2776)
contains.

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Color

Yxy(23.0394, 0.5326, 0.2776)

Conversions

Conversions Part 1

Format	Color
Hex	FF1A6A
RGB	255, 26, 106
RGB Percent	100%, 10%, 42%
CMY	0.0001, 0.8974, 0.5843
CMYK	0.00, 0.90, 0.58, 0.00
HSL	339°, 100%, 55%
HSV	339°, 90%, 100%
XYZ	44.2031, 23.0394, 15.7524
YIQ	103.5910, 110.8040, 73.4280

Conversions

Conversions Part 2

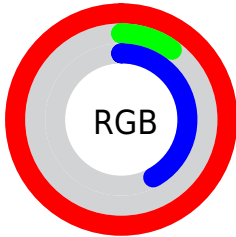
Format	Color
R_{YB}	255, 26, 106
Decimal	16718442
CIE _{Lab}	55.11, 80.86, 17.62
CIE _{LCh}	55, 82.759, 12.290
Yxy	23.0394, 0.5326, 0.2776
Android (android.graphics.Color)	4294908522 (0xFFFF1A6A)
YUV	103.5910, 1.1876, 132.7857
Hunter-Lab	47.9994, 80.3836, 14.1418

Details

The Yxy color **23.0394, 0.5326, 0.2776** 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 **74.8235, 0.2562, 0.4363**, and the grayscale version is **13.7260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7975, 0.4299, 0.2774**, and **11.4026, 0.5718, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **21.9968, 0.5623, 0.2873**, and if you desaturate by 10%, it is **25.0996, 0.4993, 0.2725**.

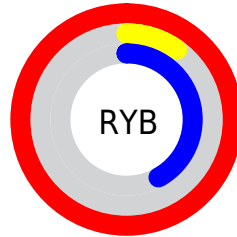
Distribution



Red (100%)

Green (10%)

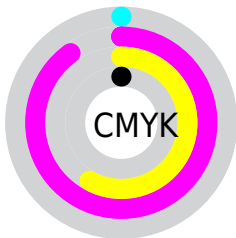
Blue (42%)



Red (100%)

Yellow (10%)

Blue (42%)

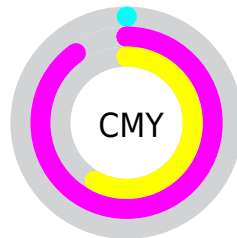


Cyan (0%)

Magenta (90%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (90%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0394, 0.5326, 0.2776 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 23.0394, 0.5326, 0.2776 by changing the saturation by 10% instead.


 23.0394, 0.5326,
0.2776


 23.0394, 0.5326,
0.2776


267.9273, 0.4111,
0.3108


 14.6226, 0.5657,
0.2666


 48.4580, 0.4861,
0.2916

 8.5550, 0.6092,
0.2509


 66.2286, 0.4693,
0.2963


 4.4521, 0.6675,
0.2274

 87.8860, 0.4554,
0.3000

 1.9295, 0.7499,
0.1915

 113.8144, 0.4437,
0.3030

 0.5660, 0.8721,
0.1279

 144.3984, 0.4337,
0.3055

 0.0000, 1.0000,
0.0000

180.0222, 0.4251,

 0.0000, 0.0000,

0.3076

0.0000

221.0704, 0.4177,
0.3093

■ 23.0394, 0.5326,
0.2776

■ 23.0394, 0.5326,
0.2776

■ 21.9968, 0.5623,
0.2873

■ 25.0996, 0.4993,
0.2725

■ 21.9753, 0.5631,
0.2875

■ 28.4532, 0.4650,
0.2724

■ 33.2784, 0.4323,
0.2765

■ 39.7244, 0.4029,
0.2835

■ 47.9215, 0.3776,
0.2923

■ 57.9869, 0.3563,
0.3017

■ 70.0275, 0.3387,
0.3113

■ 84.1420, 0.3242,
0.3205

99.9945, 0.3127,
0.3290

Harmonies

Analogous

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



23.0394, 0.3938, 0.2085



23.0394, 0.5326, 0.2776



23.0394, 0.5824, 0.3548

Triad

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



23.0394, 0.5326, 0.2776



23.0394, 0.3142, 0.6033



23.0394, 0.1120, 0.1523

Complementary

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



23.0394, 0.5326, 0.2776



74.8235, 0.2562, 0.4363

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.



23.0394, 0.1007, 0.2068



23.0394, 0.5326, 0.2776



23.0394, 0.2012, 0.5165

Square

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



23.0394, 0.5326, 0.2776



23.0394, 0.4328, 0.5438



23.0394, 0.1261, 0.3324



23.0394, 0.1583, 0.1408

Rectangle

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



23.0394, 0.5326, 0.2776



23.0394, 0.5586, 0.4122



23.0394, 0.1261, 0.3324



23.0394, 0.1046, 0.1646

Sweetspot

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



23.0408, 0.5326, 0.2776



61.1029, 0.3511, 0.3044



17.0646, 0.2419, 0.1144



12.2568, 0.3576, 0.3011



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.



23.0408, 0.5326, 0.2776



21.9809, 0.5631, 0.2875



24.6118, 0.6053, 0.3460



18.0917, 0.3239, 0.3207



11.5109, 0.5587, 0.2852



1.1405, 0.5272, 0.2678

Inverse Universe

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



23.0408, 0.5326, 0.2776



21.9809, 0.5631, 0.2875



58.9674, 0.2139, 0.2851



18.0917, 0.3239, 0.3207



11.5109, 0.5587, 0.2852



1.1405, 0.5272, 0.2678

Previews

White Background



This preview shows how the Yxy color 23.0394, 0.5326, 0.2776 looks on a white background.

Color Contrast Check

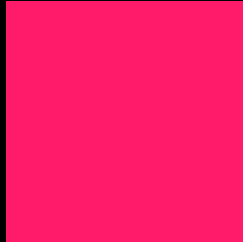
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0394, 0.5326, 0.2776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

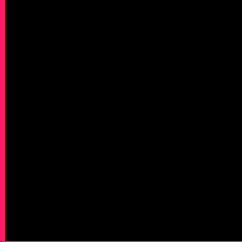
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0394, 0.5326, 0.2776

Background



This preview shows how black text looks on a background with the Yxy color 23.0394, 0.5326, 0.2776.



This preview shows how white text looks on a background with the Yxy color 23.0394, 0.5326, 0.2776.

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

23.0394, 0.5326, 0.2776

Protanopia

23.1667, 0.2892, 0.2933

Deuteranopia

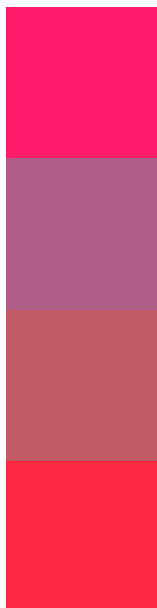
23.1731, 0.3876, 0.3812



Tritanopia

23.2018, 0.5991, 0.3304

Trichromacy



Original Color

23.0394, 0.5326, 0.2776

Protanomaly

18.6919, 0.3719, 0.2677

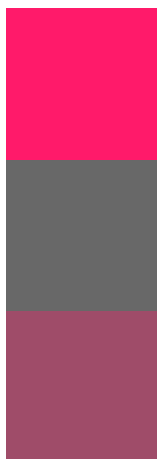
Deuteranomaly

19.5506, 0.4532, 0.3176

Tritanomaly

23.0058, 0.5819, 0.3137

Monochromacy



Original Color

23.0394, 0.5326, 0.2776

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.5597, 0.4053, 0.2828

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0394, 0.5326, 0.2776 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(255, 26, 106)` looks like.

```
.text, #text, p{  
  color:rgb(255, 26, 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(255, 26, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 106) }
```

Border

The CSS property to change the border of an element to Yxy 23.0394, 0.5326, 0.2776 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(255, 26, 106) }
```

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

```
.border{ border-color:rgb(255, 26, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 26, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
106) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 23.0394, 0.5326, 0.2776$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 106) }
```

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

```
.background{ background-color: rgb(255, 26,  
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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