

Converting Colors

$Y_{xy}(23.2281, 0.5063, 0.2827)$

Have a look what the booklet for
Yxy(23.2281, 0.5063, 0.2827)
contains.

Yxy(23.2091, 0.5064, 0.2826)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.2091, 0.5064, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	F4386F
RGB	244, 56, 111
RGB Percent	96%, 22%, 44%
CMY	0.0432, 0.7803, 0.5647
CMYK	0.00, 0.77, 0.55, 0.04
HSL	342°, 90%, 59%
HSV	342°, 77%, 96%
XYZ	41.5891, 23.2091, 17.3288
YIQ	118.4820, 94.3930, 56.9610

Conversions

Conversions Part 2

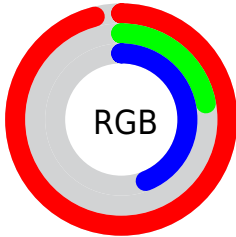
Format	Color
R_{YB}	244, 56, 111
Decimal	16005231
CIE _{Lab}	55.29, 72.32, 14.52
CIE _{LCh}	55, 73.764, 11.356
Yxy	23.2091, 0.5064, 0.2826
Android (android.graphics.Color)	4294195311 (0xFFFF4386F)
YUV	118.4820, -3.6886, 110.0793
Hunter-Lab	48.1758, 69.7874, 12.3965

Details

The Yxy color **23.2091, 0.5064, 0.2826** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **69.2110, 0.2515, 0.4033**, and the grayscale version is **18.2705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.0623, 0.4185, 0.2853**, and **10.1939, 0.5560, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **21.0481, 0.5428, 0.2869**, and if you desaturate by 10%, it is **26.5974, 0.4691, 0.2828**.

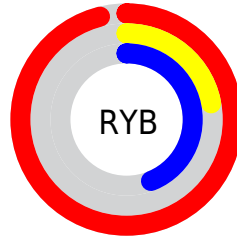
Distribution



Red (96%)

Green (22%)

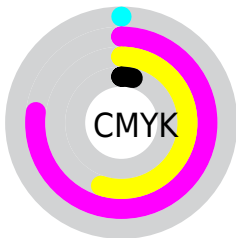
Blue (44%)



Red (96%)

Yellow (22%)

Blue (44%)

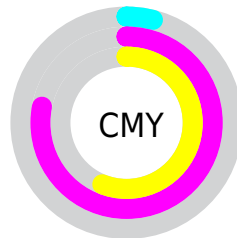


Cyan (0%)

Magenta (77%)

Yellow (55%)

Black (4%)



Cyan (4%)


Magenta (78%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2091, 0.5064, 0.2826 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 23.2091, 0.5064, 0.2826 by changing the saturation by 10% instead.


 23.2091, 0.5064,
0.2826


 23.2091, 0.5064,
0.2826


268.7972, 0.3989,
0.3119


 14.7480, 0.5363,
0.2730


 48.7364, 0.4650,
0.2949


 8.6427, 0.5760,
0.2592


 66.5715, 0.4501,
0.2990


 4.5089, 0.6306,
0.2385

 88.2999, 0.4378,
0.3023

 1.9621, 0.7080,
0.2054

 114.3061, 0.4275,
0.3049

 0.5853, 0.8516,
0.1484

 144.9746, 0.4188,
0.3071

 0.0000, 1.0000,
0.0000

180.6896, 0.4112,

 0.0000, 0.0000,

0.3090

0.0000

221.8357, 0.4047,
0.3106

■ 23.2091, 0.5064,
0.2826

■ 23.2091, 0.5064,
0.2826

■ 21.0481, 0.5428,
0.2869

■ 26.5974, 0.4691,
0.2828

■ 19.9167, 0.5747,
0.2957


■ 31.3605, 0.4341,
0.2866

■ 19.6907, 0.5832,
0.2986


■ 37.6291, 0.4030,
0.2928


■ 45.5174, 0.3764,
0.3003

■ 55.1285, 0.3543,
0.3083

 66.5572, 0.3362,
0.3163

 79.8908, 0.3214,
0.3239

 95.2115, 0.3094,
0.3311

 97.9711, 0.3060,
0.3290

Harmonies

Analogous

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



23.2091, 0.3820, 0.2173



23.2091, 0.5064, 0.2826



23.2091, 0.5577, 0.3569

Triad

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



23.2091, 0.5064, 0.2826



23.2091, 0.3241, 0.5725



23.2091, 0.1257, 0.1680

Complementary

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



23.2091, 0.5064, 0.2826



69.2110, 0.2515, 0.4033

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.



23.2091, 0.1167, 0.2227



23.2091, 0.5064, 0.2826



23.2091, 0.2177, 0.4968

Square

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



23.2091, 0.5064, 0.2826



23.2091, 0.4331, 0.5269



23.2091, 0.1442, 0.3393



23.2091, 0.1691, 0.1549

Rectangle

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



23.2091, 0.5064, 0.2826



23.2091, 0.5416, 0.4110



23.2091, 0.1442, 0.3393



23.2091, 0.1190, 0.1807

Sweetspot

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



23.2105, 0.5064, 0.2826



65.7277, 0.3466, 0.3115



20.0034, 0.2633, 0.1372



13.1343, 0.3536, 0.3086



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.



23.2105, 0.5064, 0.2826



22.4961, 0.5601, 0.2910



27.4556, 0.5505, 0.3600



16.5622, 0.3247, 0.3221



10.7285, 0.5790, 0.2963



0.9601, 0.5436, 0.2768

Inverse Universe

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



23.2105, 0.5064, 0.2826



22.4961, 0.5601, 0.2910



51.7069, 0.2166, 0.2791



16.5622, 0.3247, 0.3221



10.7285, 0.5790, 0.2963



0.9601, 0.5436, 0.2768

Previews

White Background



This preview shows how the Yxy color 23.2091, 0.5064, 0.2826 looks on a white background.

Color Contrast Check

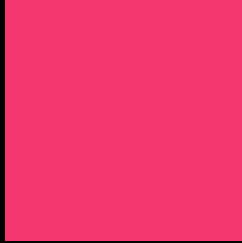
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2091, 0.5064, 0.2826 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 23.2091, 0.5064, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 23.2091, 0.5064, 0.2826.



This preview shows how white text looks on a background with the Yxy color 23.2091, 0.5064, 0.2826.

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

23.2091, 0.5064, 0.2826

Protanopia

23.4183, 0.2932, 0.3000

Deuteranopia

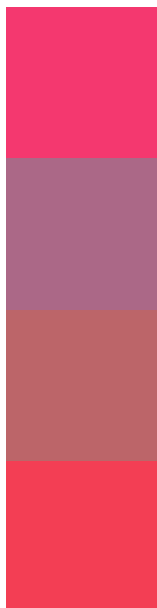
23.2060, 0.3779, 0.3701



Tritanopia

23.2033, 0.5594, 0.3274

Trichromacy



Original Color

23.2091, 0.5064, 0.2826

Protanomaly

20.3078, 0.3633, 0.2825

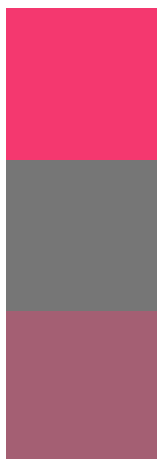
Deuteranomaly

21.0186, 0.4305, 0.3238

Tritanomaly

23.1400, 0.5432, 0.3120

Monochromacy



Original Color

23.2091, 0.5064, 0.2826

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.3147, 0.3866, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2091, 0.5064, 0.2826 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(244, 56, 111)` looks like.

```
.text, #text, p{  
    color:rgb(244, 56, 111)  
}
```

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(244, 56, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 56, 111) }
```

Border

The CSS property to change the border of an element to Yxy 23.2091, 0.5064, 0.2826 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(244, 56, 111) }
```

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

```
.border{ border-color:rgb(244, 56, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 56, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 56, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 56, 111);  
box-shadow:4px 4px 4px 4px rgb(244, 56,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2091, 0.5064, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 56, 111) }
```

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

```
.background{ background-color: rgb(244, 56,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor