

Converting Colors

$Y_{xy}(23.0019, 0.5302, 0.2980)$

Have a look what the booklet for
Yxy(23.0019, 0.5302, 0.2980)
contains.

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Color

Yxy(23.0039, 0.5293, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	F43960
RGB	244, 57, 96
RGB Percent	96%, 22%, 38%
CMY	0.0431, 0.7765, 0.6235
CMYK	0.00, 0.77, 0.61, 0.04
HSL	347°, 89%, 59%
HSV	347°, 77%, 96%
XYZ	40.8864, 23.0039, 13.3559
YIQ	117.3590, 98.9330, 51.7730

Conversions

Conversions Part 2

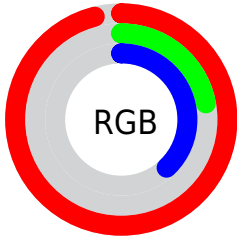
Format	Color
R_{YB}	244, 57, 96
Decimal	16005472
CIE _{Lab}	55.08, 71.08, 23.17
CIE _{LCh}	55, 74.760, 18.057
Yxy	23.0039, 0.5293, 0.2978
Android (android.graphics.Color)	4294195552 (0xFFFF43960)
YUV	117.3590, -10.5300, 111.0642
Hunter-Lab	47.9624, 68.2313, 17.0635

Details

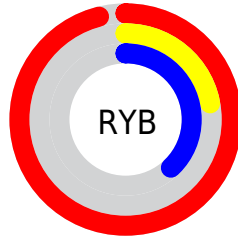
The Yxy color **23.0039, 0.5293, 0.2978** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **69.9847, 0.2450, 0.3805**, and the grayscale version is **17.9161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7683, 0.4378, 0.3029**, and **9.9336, 0.5835, 0.2988** is the 20% darker color. If you saturate the color by 10%, you get **20.8319, 0.5683, 0.3022**, and if you desaturate by 10%, it is **26.4237, 0.4879, 0.2971**.

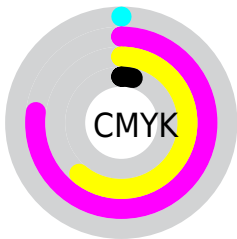
Distribution



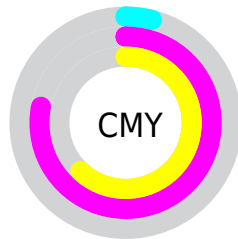
- Red (96%)
- Green (22%)
- Blue (38%)



- Red (96%)
- Yellow (22%)
- Blue (38%)



- Cyan (0%)
- Magenta (77%)
- Yellow (61%)
- Black (4%)




- Cyan (4%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0039, 0.5293, 0.2978 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 23.0039, 0.5293, 0.2978 by changing the saturation by 10% instead.


 23.0039, 0.5293,
0.2978


 23.0039, 0.5293,
0.2978


267.7450, 0.4092,
0.3214

 14.5964, 0.5621,
0.2887


 48.3997, 0.4832,
0.3086


 8.5366, 0.6052,
0.2750


 66.1568, 0.4666,
0.3120

 4.4402, 0.6627,
0.2533

 87.7993, 0.4529,
0.3145

 1.9227, 0.7556,
0.2217

 113.7114, 0.4413,
0.3165

 0.5620, 0.8517,
0.1483

 144.2777, 0.4315,
0.3181

 0.0000, 1.0000,
0.0000

179.8824, 0.4230,

 0.0000, 0.0000,

0.3194

0.0000

220.9101, 0.4156,
0.3205

■ 23.0039, 0.5293,
0.2978

■ 23.0039, 0.5293,
0.2978

■ 20.8319, 0.5683,
0.3022

■ 26.4237, 0.4879,
0.2971

■ 19.7123, 0.6000,
0.3100


■ 31.2395, 0.4483,
0.2993

■ 19.4734, 0.6088,
0.3128


■ 37.5832, 0.4130,
0.3035


■ 45.5701, 0.3831,
0.3088

■ 55.3044, 0.3583,
0.3145

 66.8818, 0.3381,
0.3202

 80.3907, 0.3218,
0.3256

 95.9141, 0.3086,
0.3307

 97.9751, 0.3060,
0.3290

Harmonies

Analogous

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



23.0039, 0.4142, 0.2292



23.0039, 0.5293, 0.2978



23.0039, 0.5595, 0.3741

Triad

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



23.0039, 0.5293, 0.2978



23.0039, 0.2983, 0.5723



23.0039, 0.1302, 0.1601

Complementary

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



23.0039, 0.5293, 0.2978



69.9847, 0.2450, 0.3805

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.



23.0039, 0.1136, 0.2040



23.0039, 0.5293, 0.2978



23.0039, 0.1954, 0.4661

Square

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



23.0039, 0.5293, 0.2978



23.0039, 0.4099, 0.5460



23.0039, 0.1320, 0.3066



23.0039, 0.1826, 0.1544

Rectangle

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



23.0039, 0.5293, 0.2978



23.0039, 0.5314, 0.4303



23.0039, 0.1320, 0.3066



23.0039, 0.1210, 0.1697

Sweetspot

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



23.0053, 0.5293, 0.2978



65.4811, 0.3505, 0.3165



22.2230, 0.2792, 0.1458



13.0758, 0.3583, 0.3145



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.



23.0053, 0.5293, 0.2978



22.2087, 0.5872, 0.3062



30.6779, 0.5333, 0.3751



16.5391, 0.3261, 0.3241



10.6034, 0.6053, 0.3108



0.9463, 0.5716, 0.2923

Inverse Universe

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



23.0053, 0.5293, 0.2978



22.2087, 0.5872, 0.3062



44.6731, 0.2111, 0.2573



16.5391, 0.3261, 0.3241



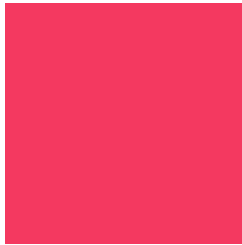
10.6034, 0.6053, 0.3108



0.9463, 0.5716, 0.2923

Previews

White Background



This preview shows how the Yxy color 23.0039, 0.5293, 0.2978 looks on a white background.

Color Contrast Check

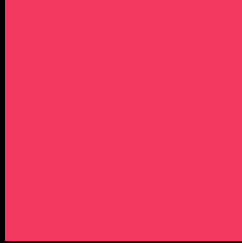
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0039, 0.5293, 0.2978 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 23.0039, 0.5293, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 23.0039, 0.5293, 0.2978.



This preview shows how white text looks on a background with the Yxy color 23.0039, 0.5293, 0.2978.

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

23.0039, 0.5293, 0.2978

Protanopia

23.2384, 0.3194, 0.3342

Deuteranopia

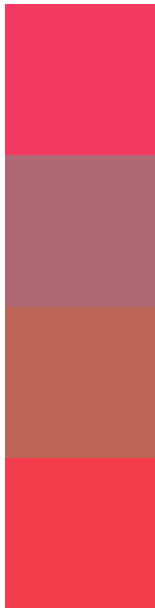
22.9808, 0.4002, 0.3917



Tritanopia

23.0030, 0.5656, 0.3276

Trichromacy



Original Color

23.0039, 0.5293, 0.2978

Protanomaly

20.5015, 0.3939, 0.3113

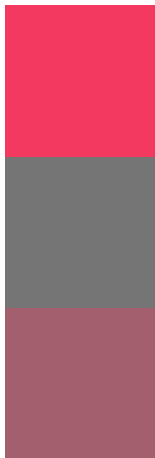
Deuteranomaly

20.9927, 0.4547, 0.3442

Tritanomaly

22.9280, 0.5533, 0.3174

Monochromacy



Original Color

23.0039, 0.5293, 0.2978

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.0751, 0.3946, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0039, 0.5293, 0.2978 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, 57, 96)` looks like.

```
.text, #text, p{  
    color:rgb(244, 57, 96)  
}
```

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, 57, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 57, 96) }
```

Border

The CSS property to change the border of an element to Yxy 23.0039, 0.5293, 0.2978 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, 57, 96) }
```

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

```
.border{ border-color:rgb(244, 57, 96) }
```

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

Here you see how a box with a 4 pixel rgb(244, 57, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 57, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 57, 96);  
box-shadow:4px 4px 4px 4px rgb(244, 57,  
96) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 23.0039, 0.5293, 0.2978$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 57, 96) }
```

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

```
.background{ background-color: rgb(244, 57,  
96) }
```

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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