

Converting Colors

Yxy(23.1494, 0.5157, 0.2668)

Have a look what the booklet for
Yxy(23.1494, 0.5157, 0.2668)
contains.

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Color

Yxy(23.1571, 0.5153, 0.2666)

Conversions

Conversions Part 1

Format	Color
Hex	FF1775
RGB	255, 23, 117
RGB Percent	100%, 9%, 46%
CMY	0.0000, 0.9098, 0.5411
CMYK	0.00, 0.91, 0.54, 0.00
HSL	336°, 100%, 55%
HSV	336°, 91%, 100%
XYZ	44.7594, 23.1571, 18.9443
YIQ	103.0840, 108.0980, 78.4180

Conversions

Conversions Part 2

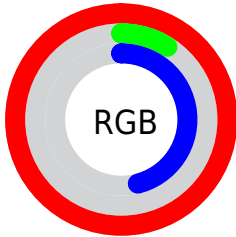
Format	Color
R_{YB}	255, 23, 117
Decimal	16717685
CIE _{Lab}	55.23, 81.96, 11.16
CIE _{LCh}	55, 82.717, 7.757
Yxy	23.1571, 0.5153, 0.2666
Android (android.graphics.Color)	4294907765 (0xFFFF1775)
YUV	103.0840, 6.8606, 133.2303
Hunter-Lab	48.1218, 81.8144, 10.3443

Details

The Yxy color **23.1571, 0.5153, 0.2666** 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 **74.2750, 0.2616, 0.4567**, and the grayscale version is **13.5473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0252, 0.4146, 0.2644**, and **11.5060, 0.5539, 0.2825** is the 20% darker color. If you saturate the color by 10%, you get **22.2460, 0.5405, 0.2751**, and if you desaturate by 10%, it is **25.0861, 0.4850, 0.2617**.

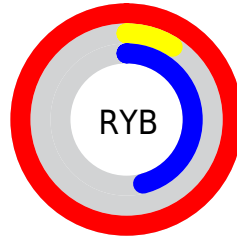
Distribution



Red (100%)

Green (9%)

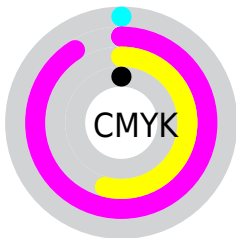
Blue (46%)



Red (100%)

Yellow (9%)

Blue (46%)

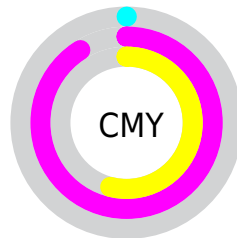


Cyan (0%)

Magenta (91%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (91%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1571, 0.5153, 0.2666 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 23.1571, 0.5153, 0.2666 by changing the saturation by 10% instead.


 23.1571, 0.5153,
0.2666


 23.1571, 0.5153,
0.2666


268.5309, 0.4035,
0.3039


 14.7096, 0.5460,
0.2552


 48.6512, 0.4724,
0.2817


 8.6158, 0.5867,
0.2395


 66.4665, 0.4570,
0.2869


 4.4914, 0.6422,
0.2166

 88.1731, 0.4442,
0.2911

 1.9521, 0.7196,
0.1818

 114.1556, 0.4334,
0.2945

 0.5794, 0.8726,
0.1274

 144.7982, 0.4243,
0.2975

 0.0000, 1.0000,
0.0000

180.4853, 0.4164,

 0.0000, 0.0000,

0.2999

0.0000

221.6014, 0.4095,
0.3020

■ 23.1571, 0.5153,
0.2666

■ 23.1571, 0.5153,
0.2666

■ 22.2460, 0.5405,
0.2751

■ 25.0861, 0.4850,
0.2617

■ 28.2753, 0.4540,
0.2621

■ 32.9060, 0.4245,
0.2670

■ 39.1292, 0.3978,
0.2751

■ 47.0766, 0.3745,
0.2851

■ 56.8661, 0.3548,
0.2960

■ 68.6050, 0.3384,
0.3071

■ 82.3926, 0.3248,
0.3179

■ 98.3210, 0.3137,
0.3280

Harmonies

Analogous

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



23.1571, 0.3703, 0.1998



23.1571, 0.5153, 0.2666



23.1571, 0.5815, 0.3428

Triad

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



23.1571, 0.5153, 0.2666



23.1571, 0.3325, 0.6007



23.1571, 0.1085, 0.1576

Complementary

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



23.1571, 0.5153, 0.2666



74.2750, 0.2616, 0.4567

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.



23.1571, 0.1023, 0.2207



23.1571, 0.5153, 0.2666



23.1571, 0.2170, 0.5399

Square

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



23.1571, 0.5153, 0.2666



23.1571, 0.4499, 0.5289



23.1571, 0.1343, 0.3587



23.1571, 0.1489, 0.1407

Rectangle

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



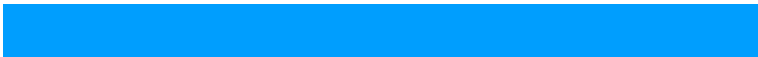
23.1571, 0.5153, 0.2666



23.1571, 0.5668, 0.3986



23.1571, 0.1343, 0.3587



23.1571, 0.1028, 0.1722

Sweetspot

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



23.1575, 0.5153, 0.2666



61.2986, 0.3479, 0.3005



15.1359, 0.2267, 0.1055



12.3024, 0.3538, 0.2967



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.



23.1575, 0.5153, 0.2666



22.2460, 0.5405, 0.2751



23.0017, 0.6187, 0.3370



18.1091, 0.3230, 0.3194



11.6517, 0.5363, 0.2728



1.1555, 0.5063, 0.2563

Inverse Universe

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



23.1575, 0.5153, 0.2666



22.2460, 0.5405, 0.2751



67.2014, 0.2190, 0.3047



18.1091, 0.3230, 0.3194



11.6517, 0.5363, 0.2728



1.1555, 0.5063, 0.2563

Previews

White Background



This preview shows how the Yxy color 23.1571, 0.5153, 0.2666 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 23.1571, 0.5153, 0.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

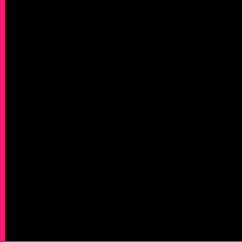
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1571, 0.5153, 0.2666

Background



This preview shows how black text looks on a background with the Yxy color 23.1571, 0.5153, 0.2666.



This preview shows how white text looks on a background with the Yxy color 23.1571, 0.5153, 0.2666.

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

23.1571, 0.5153, 0.2666

Protanopia

23.6148, 0.2698, 0.2696

Deuteranopia

23.4684, 0.3702, 0.3636



Tritanopia

23.2069, 0.5950, 0.3298

Trichromacy



Original Color

23.1571, 0.5153, 0.2666



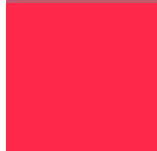
Protanomaly

18.5949, 0.3479, 0.2463



Deuteranomaly

19.5364, 0.4317, 0.3011



Tritanomaly

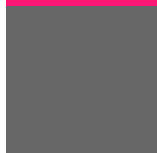
22.8946, 0.5739, 0.3092

Monochromacy



Original Color

23.1571, 0.5153, 0.2666



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

13.2494, 0.3992, 0.2747

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1571, 0.5153, 0.2666 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, 23, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 23, 117)  
}
```

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, 23, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 23, 117) }
```

Border

The CSS property to change the border of an element to Yxy 23.1571, 0.5153, 0.2666 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, 23, 117) }
```

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

```
.border{ border-color:rgb(255, 23, 117) }
```

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

Here you see how a box with a 4 pixel rgb(255, 23, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 23, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 23, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 23,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1571, 0.5153, 0.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 23, 117) }
```

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

```
.background{ background-color: rgb(255, 23,  
117) }
```

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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