

Converting Colors

$Yxy(23.6420, 0.4932, 0.2555)$

Have a look what the booklet for
Yxy(23.6420, 0.4932, 0.2555)
contains.

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Color

Yxy(23.6556, 0.4931, 0.2555)

Conversions

Conversions Part 1

Format	Color
Hex	FF1B82
RGB	255, 27, 130
RGB Percent	100%, 11%, 51%
CMY	0.0001, 0.8936, 0.4902
CMYK	0.00, 0.89, 0.49, 0.00
HSL	333°, 100%, 55%
HSV	333°, 89%, 100%
XYZ	45.6539, 23.6556, 23.2760
YIQ	106.9140, 102.8250, 80.3690

Conversions

Conversions Part 2

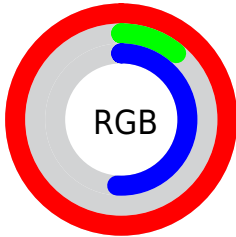
Format	Color
R_{YB}	255, 27, 130
Decimal	16718722
CIE Lab	55.74, 82.35, 4.11
CIE LCh	56, 82.449, 2.855
Yxy	23.6556, 0.4931, 0.2555
Android (android.graphics.Color)	4294908802 (0xFFFF1B82)
YUV	106.9140, 11.3814, 129.8714
Hunter-Lab	48.6370, 82.4371, 5.6718

Details

The Yxy color **23.6556, 0.4931, 0.2555** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **74.0097, 0.2655, 0.4692**, and the grayscale version is **14.6458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9870, 0.3964, 0.2525**, and **11.6704, 0.5285, 0.2685** is the 20% darker color. If you saturate the color by 10%, you get **22.5519, 0.5194, 0.2638**, and if you desaturate by 10%, it is **25.7815, 0.4652, 0.2524**.

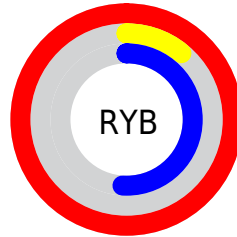
Distribution



Red (100%)

Green (11%)

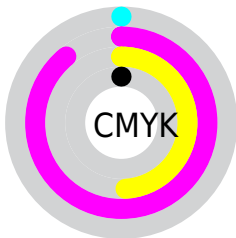
Blue (51%)



Red (100%)

Yellow (11%)

Blue (51%)

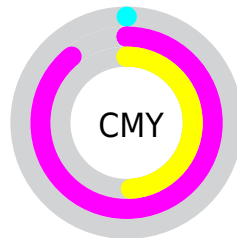


Cyan (0%)

Magenta (89%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (89%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6556, 0.4931, 0.2555 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 23.6556, 0.4931, 0.2555 by changing the saturation by 10% instead.


 23.6556, 0.4931,
0.2555


 23.6556, 0.4931,
0.2555


271.0747, 0.3942,
0.2967

 15.0783, 0.5203,
0.2438


 49.4676, 0.4552,
0.2715

 8.8744, 0.5564,
0.2280

 67.4711, 0.4416,
0.2772


 4.6593, 0.6061,
0.2059

 89.3856, 0.4303,
0.2819

 2.0488, 0.6773,
0.1734

 115.5952, 0.4208,
0.2859

 0.6356, 0.7995,
0.1225

 146.4846, 0.4127,
0.2892

 0.0000, 1.0000,
0.0000

182.4380, 0.4057,

 0.0000, 0.0000,

0.2921

0.0000

223.8399, 0.3996,
0.2946

■ 23.6556, 0.4931,
0.2555

■ 23.6556, 0.4931,
0.2555

■ 22.5519, 0.5194,
0.2638

■ 25.7815, 0.4652,
0.2524

■ 22.4954, 0.5210,
0.2644

■ 29.1907, 0.4373,
0.2546

■ 34.0588, 0.4109,
0.2612

■ 40.5327, 0.3872,
0.2708

■ 48.7409, 0.3665,
0.2822

■ 58.7990, 0.3490,
0.2944

■ 70.8124, 0.3343,
0.3066

■ 84.8785, 0.3221,
0.3185

99.9952, 0.3127,
0.3290

Harmonies

Analogous

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



23.6556, 0.3452, 0.1917



23.6556, 0.4931, 0.2555



23.6556, 0.5759, 0.3305

Triad

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



23.6556, 0.4931, 0.2555



23.6556, 0.3525, 0.5926



23.6556, 0.1065, 0.1654

Complementary

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



23.6556, 0.4931, 0.2555



74.0097, 0.2655, 0.4692

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.



23.6556, 0.1059, 0.2385



23.6556, 0.4931, 0.2555



23.6556, 0.2358, 0.5591

Square

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



23.6556, 0.4931, 0.2555



23.6556, 0.4674, 0.5118



23.6556, 0.1457, 0.3882



23.6556, 0.1408, 0.1424

Rectangle

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



23.6556, 0.4931, 0.2555



23.6556, 0.5722, 0.3847



23.6556, 0.1457, 0.3882



23.6556, 0.1026, 0.1828

Sweetspot

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



23.6570, 0.4931, 0.2555



61.4628, 0.3453, 0.2973



14.3656, 0.2184, 0.1020



12.3408, 0.3507, 0.2931



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.



23.6570, 0.4931, 0.2555



22.5005, 0.5210, 0.2644



22.5215, 0.6205, 0.3326



18.1234, 0.3223, 0.3183



11.7861, 0.5170, 0.2622



1.1692, 0.4891, 0.2468

Inverse Universe

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



23.6570, 0.4931, 0.2555



22.5005, 0.5210, 0.2644



74.2075, 0.2234, 0.3195



18.1234, 0.3223, 0.3183



11.7861, 0.5170, 0.2622



1.1692, 0.4891, 0.2468

Previews

White Background



This preview shows how the Yxy color 23.6556, 0.4931, 0.2555 looks on a white background.

Color Contrast Check

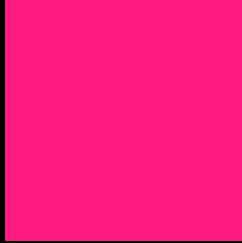
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6556, 0.4931, 0.2555 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 23.6556, 0.4931, 0.2555

Background



This preview shows how black text looks on a background with the Yxy color 23.6556, 0.4931, 0.2555.



This preview shows how white text looks on a background with the Yxy color 23.6556, 0.4931, 0.2555.

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

23.6556, 0.4931, 0.2555

Protanopia

23.9272, 0.2518, 0.2447

Deuteranopia

23.7320, 0.3506, 0.3440



Tritanopia

23.6330, 0.5841, 0.3292

Trichromacy



Original Color

23.6556, 0.4931, 0.2555



Protanomaly

19.0469, 0.3213, 0.2272



Deuteranomaly

19.9283, 0.4076, 0.2855



Tritanomaly

23.2895, 0.5574, 0.3039

Monochromacy



Original Color

23.6556, 0.4931, 0.2555



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

14.2637, 0.3895, 0.2708

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6556, 0.4931, 0.2555 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, 27, 130)` looks like.

```
.text, #text, p{  
  color:rgb(255, 27, 130)  
}
```

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, 27, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 27, 130) }
```

Border

The CSS property to change the border of an element to Yxy 23.6556, 0.4931, 0.2555 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, 27, 130) }
```

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

```
.border{ border-color:rgb(255, 27, 130) }
```

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

Here you see how a box with a 4 pixel rgb(255, 27, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 27, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 27, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 27,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6556, 0.4931, 0.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 27, 130) }
```

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

```
.background{ background-color: rgb(255, 27,  
130) }
```

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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