

Converting Colors

Yxy(23.4875, 0.5239, 0.2758)

Have a look what the booklet for
Yxy(23.4875, 0.5239, 0.2758)
contains.

Yxy(23.4735, 0.5247, 0.2761)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.4735, 0.5247, 0.2761)

Conversions

Conversions Part 1

Format	Color
Hex	FF216E
RGB	255, 33, 110
RGB Percent	100%, 13%, 43%
CMY	0.0000, 0.8710, 0.5686
CMYK	0.00, 0.87, 0.57, 0.00
HSL	339°, 100%, 56%
HSV	339°, 87%, 100%
XYZ	44.6090, 23.4735, 16.9356
YIQ	108.1560, 107.5950, 71.0110

Conversions

Conversions Part 2

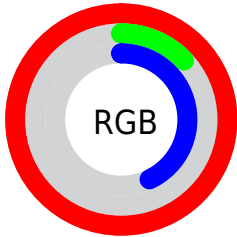
Format	Color
R_{YB}	255, 33, 110
Decimal	16720238
CIE _{Lab}	55.56, 80.13, 15.82
CIE _{LCh}	56, 81.677, 11.165
Yxy	23.4735, 0.5247, 0.2761
Android (android.graphics.Color)	4294910318 (0xFFFF216E)
YUV	108.1560, 0.9091, 128.7822
Hunter-Lab	48.4495, 79.5642, 13.1897

Details

The Yxy color **23.4735, 0.5247, 0.2761** 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 **75.0512, 0.2557, 0.4322**, and the grayscale version is **14.9989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5583, 0.4236, 0.2761**, and **11.4352, 0.5660, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **22.2174, 0.5555, 0.2849**, and if you desaturate by 10%, it is **25.8496, 0.4907, 0.2723**.

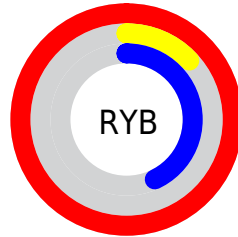
Distribution



Red (100%)

Green (13%)

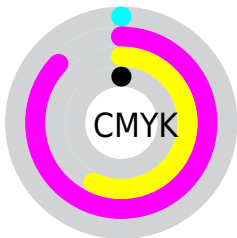
Blue (43%)



Red (100%)

Yellow (13%)

Blue (43%)

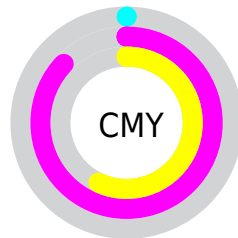


Cyan (0%)

Magenta (87%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (87%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4735, 0.5247, 0.2761 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 23.4735, 0.5247, 0.2761 by changing the saturation by 10% instead.


 23.4735, 0.5247,
0.2761


 23.4735, 0.5247,
0.2761


270.1477, 0.4078,
0.3095


 14.9435, 0.5566,
0.2653


 49.1697, 0.4799,
0.2900

 8.7798, 0.5987,
0.2501


 67.1046, 0.4638,
0.2947


 4.5978, 0.6554,
0.2274

 88.9434, 0.4504,
0.2984

 2.0133, 0.7340,
0.1924

 115.0703, 0.4391,
0.3015

 0.6152, 0.8650,
0.1350

 145.8698, 0.4295,
0.3040

 0.0000, 1.0000,
0.0000

181.7263, 0.4213,

 0.0000, 0.0000,

0.3061

0.0000

223.0241, 0.4141,
0.3079

■ 23.4735, 0.5247,
0.2761

■ 23.4735, 0.5247,
0.2761

■ 22.2174, 0.5555,
0.2849

■ 25.8496, 0.4907,
0.2723

■ 21.9736, 0.5637,
0.2879

■ 29.5769, 0.4565,
0.2734

■ 34.8183, 0.4245,
0.2784

■ 41.7171, 0.3961,
0.2859

■ 50.4001, 0.3717,
0.2949

60.9815, 0.3514,
0.3044

73.5658, 0.3346,
0.3138

88.2500, 0.3209,
0.3229

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



23.4735, 0.3868, 0.2081



23.4735, 0.5247, 0.2761



23.4735, 0.5783, 0.3527

Triad

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



23.4735, 0.5247, 0.2761



23.4735, 0.3199, 0.5979



23.4735, 0.1134, 0.1559

Complementary

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



23.4735, 0.5247, 0.2761



75.0512, 0.2557, 0.4322

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.



23.4735, 0.1036, 0.2123



23.4735, 0.5247, 0.2761



23.4735, 0.2073, 0.5183

Square

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



23.4735, 0.5247, 0.2761



23.4735, 0.4367, 0.5381



23.4735, 0.1307, 0.3391



23.4735, 0.1580, 0.1430

Rectangle

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



23.4735, 0.5247, 0.2761



23.4735, 0.5578, 0.4092



23.4735, 0.1307, 0.3391



23.4735, 0.1065, 0.1688

Sweetspot

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



23.4680, 0.5247, 0.2761



62.2656, 0.3494, 0.3054



17.6800, 0.2443, 0.1174



12.4792, 0.3559, 0.3021



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.



23.4680, 0.5247, 0.2761



21.9736, 0.5637, 0.2879



25.2904, 0.5973, 0.3475



18.0912, 0.3239, 0.3208



11.5070, 0.5594, 0.2855



1.1401, 0.5278, 0.2681

Inverse Universe

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



23.4680, 0.5247, 0.2761



21.9736, 0.5637, 0.2879



59.6166, 0.2149, 0.2865



18.0912, 0.3239, 0.3208



11.5070, 0.5594, 0.2855



1.1401, 0.5278, 0.2681

Previews

White Background



This preview shows how the Yxy color 23.4735, 0.5247, 0.2761 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 23.4735, 0.5247, 0.2761 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 23.4735, 0.5247, 0.2761

Background



This preview shows how black text looks on a background with the Yxy color 23.4735, 0.5247, 0.2761.



This preview shows how white text looks on a background with the Yxy color 23.4735, 0.5247, 0.2761.

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

23.4735, 0.5247, 0.2761

Protanopia

23.5700, 0.2854, 0.2887

Deuteranopia

23.5265, 0.3810, 0.3747



Tritanopia

23.5866, 0.5923, 0.3298

Trichromacy



Original Color

23.4735, 0.5247, 0.2761



Protanomaly

19.3438, 0.3652, 0.2663



Deuteranomaly

20.1656, 0.4434, 0.3148



Tritanomaly

23.4286, 0.5735, 0.3124

Monochromacy



Original Color

23.4735, 0.5247, 0.2761



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

14.5661, 0.3987, 0.2847

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4735, 0.5247, 0.2761 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, 33, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 33, 110)  
}
```

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, 33, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 33, 110) }
```

Border

The CSS property to change the border of an element to Yxy 23.4735, 0.5247, 0.2761 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, 33, 110) }
```

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

```
.border{ border-color:rgb(255, 33, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 33, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 33, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 33, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 33,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4735, 0.5247, 0.2761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 33, 110) }
```

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

```
.background{ background-color: rgb(255, 33,  
110) }
```

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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