

Converting Colors

Yxy(23.3319, 0.5471, 0.2905)

Have a look what the booklet for
Yxy(23.3319, 0.5471, 0.2905)
contains.

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Color

Yxy(23.3480, 0.5471, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	FF245F
RGB	255, 36, 95
RGB Percent	100%, 14%, 37%
CMY	0.0001, 0.8583, 0.6275
CMYK	0.00, 0.86, 0.63, 0.00
HSL	344°, 100%, 57%
HSV	344°, 86%, 100%
XYZ	43.9260, 23.3480, 13.0148
YIQ	108.2070, 111.5850, 64.7770

Conversions

Conversions Part 2

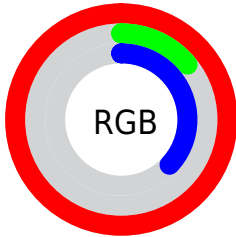
Format	Color
R_{YB}	255, 36, 95
Decimal	16720991
CIE _{Lab}	55.43, 78.69, 24.63
CIE _{LCh}	55, 82.455, 17.383
Yxy	23.3480, 0.5471, 0.2908
Android (android.graphics.Color)	4294911071 (0xFFFF245F)
YUV	108.2070, -6.5111, 128.7375
Hunter-Lab	48.3198, 77.7093, 17.8542

Details

The Yxy color **23.3480, 0.5471, 0.2908** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **75.8650, 0.2487, 0.4061**, and the grayscale version is **15.0734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2416, 0.4439, 0.2933**, and **11.1774, 0.5893, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **22.0110, 0.5798, 0.2992**, and if you desaturate by 10%, it is **25.8656, 0.5094, 0.2868**.

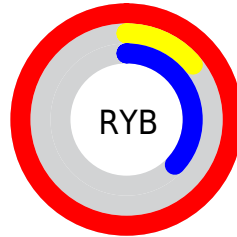
Distribution



Red (100%)

Green (14%)

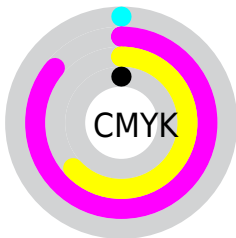
Blue (37%)



Red (100%)

Yellow (14%)

Blue (37%)

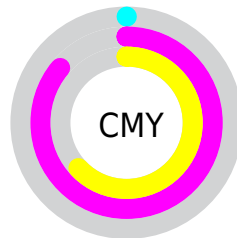


Cyan (0%)

Magenta (86%)

Yellow (63%)

Black (0%)



Cyan (0%)


Magenta (86%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.3480, 0.5471, 0.2908 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 23.3480, 0.5471, 0.2908 by changing the saturation by 10% instead.


 23.3480, 0.5471,
0.2908


 23.3480, 0.5471,
0.2908


269.5074, 0.4181,
0.3189

 14.8507, 0.5817,
0.2804


 48.9641, 0.4980,
0.3035


 8.7147, 0.6264,
0.2649


 66.8517, 0.4802,
0.3075


 4.5555, 0.6851,
0.2411

 88.6382, 0.4654,
0.3106

 1.9889, 0.7784,
0.2073

 114.7079, 0.4529,
0.3130

 0.6010, 0.8636,
0.1364

 145.4453, 0.4422,
0.3150

 0.0000, 1.0000,
0.0000

181.2347, 0.4331,

 0.0000, 0.0000,

0.3165

0.0000

222.4606, 0.4251,
0.3179

■ 23.3480, 0.5471,
0.2908

■ 23.3480, 0.5471,
0.2908

■ 22.0110, 0.5798,
0.2992

■ 25.8656, 0.5094,
0.2868


■ 21.6772, 0.5916,
0.3033


■ 29.7647, 0.4709,
0.2871

■ 35.2127, 0.4348,
0.2907

■ 42.3520, 0.4029,
0.2965

■ 51.3088, 0.3758,
0.3035

 62.1969, 0.3533,
0.3108

 75.1210, 0.3350,
0.3182

 90.1783, 0.3201,
0.3251

99.9930, 0.3127,
0.3290

Harmonies

Analogous

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



23.3480, 0.4195, 0.2199



23.3480, 0.5471, 0.2908



23.3480, 0.5784, 0.3691

Triad

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



23.3480, 0.5471, 0.2908



23.3480, 0.2946, 0.5989



23.3480, 0.1181, 0.1489

Complementary

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



23.3480, 0.5471, 0.2908



75.8650, 0.2487, 0.4061

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.



23.3480, 0.1014, 0.1944



23.3480, 0.5471, 0.2908



23.3480, 0.1859, 0.4853

Square

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



23.3480, 0.5471, 0.2908



23.3480, 0.4132, 0.5582



23.3480, 0.1198, 0.3055



23.3480, 0.1713, 0.1430

Rectangle

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



23.3480, 0.5471, 0.2908



23.3480, 0.5460, 0.4281



23.3480, 0.1198, 0.3055



23.3480, 0.1089, 0.1588

Sweetspot

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



23.3494, 0.5471, 0.2908



62.0082, 0.3537, 0.3107



19.8208, 0.2594, 0.1265



12.4192, 0.3610, 0.3081



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.



23.3494, 0.5471, 0.2908



21.6844, 0.5916, 0.3033



27.6529, 0.5803, 0.3591



18.0673, 0.3252, 0.3226



11.3516, 0.5875, 0.3010



1.1225, 0.5557, 0.2835

Inverse Universe

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



23.3494, 0.5471, 0.2908



21.6844, 0.5916, 0.3033



52.4889, 0.2101, 0.2675



18.0673, 0.3252, 0.3226



11.3516, 0.5875, 0.3010



1.1225, 0.5557, 0.2835

Previews

White Background



This preview shows how the Yxy color 23.3480, 0.5471, 0.2908 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 23.3480, 0.5471, 0.2908 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 23.3480, 0.5471, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 23.3480, 0.5471, 0.2908.



This preview shows how white text looks on a background with the Yxy color 23.3480, 0.5471, 0.2908.

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

23.3480, 0.5471, 0.2908

Protanopia

23.4027, 0.3130, 0.3238

Deuteranopia

23.3959, 0.4054, 0.3970



Tritanopia

23.3010, 0.5968, 0.3298

Trichromacy



Original Color

23.3480, 0.5471, 0.2908



Protanomaly

19.4892, 0.3985, 0.2958



Deuteranomaly

20.3121, 0.4692, 0.3372



Tritanomaly

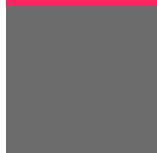
23.2655, 0.5824, 0.3169

Monochromacy



Original Color

23.3480, 0.5471, 0.2908



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

14.5909, 0.4087, 0.2957

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3480, 0.5471, 0.2908 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, 36, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 36, 95)  
}
```

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, 36, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 36, 95) }
```

Border

The CSS property to change the border of an element to Yxy 23.3480, 0.5471, 0.2908 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, 36, 95) }
```

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

```
.border{ border-color:rgb(255, 36, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 36, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 36, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 36, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 36,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3480, 0.5471, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 36, 95) }
```

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

```
.background{ background-color: rgb(255, 36,  
95) }
```

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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