

Converting Colors

Yxy(23.9856, 0.5441, 0.2950)

Have a look what the booklet for
Yxy(23.9856, 0.5441, 0.2950)
contains.

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Color

Yxy(23.9630, 0.5440, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	FF2D5F
RGB	255, 45, 95
RGB Percent	100%, 18%, 37%
CMY	0.0001, 0.8231, 0.6275
CMYK	0.00, 0.82, 0.63, 0.00
HSL	346°, 100%, 59%
HSV	346°, 82%, 100%
XYZ	44.2344, 23.9630, 13.1158
YIQ	113.4900, 109.1100, 60.0700

Conversions

Conversions Part 2

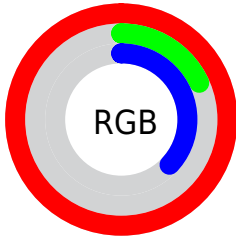
Format	Color
RYB	255, 45, 95
Decimal	16723295
CIELab	56.05, 76.91, 25.45
CIELCh	56, 81.013, 18.310
Yxy	23.9630, 0.5440, 0.2947
Android (android.graphics.Color)	4294913375 (0xFFFF2D5F)
YUV	113.4900, -9.1156, 124.1043
Hunter-Lab	48.9520, 75.6314, 18.3807

Details

The Yxy color **23.9630, 0.5440, 0.2947** 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 **76.4714, 0.2462, 0.3934**, and the grayscale version is **16.6854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3390, 0.4417, 0.2981**, and **11.1774, 0.5893, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **22.2558, 0.5793, 0.3015**, and if you desaturate by 10%, it is **26.9342, 0.5043, 0.2920**.

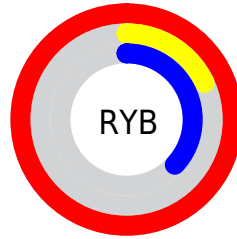
Distribution



Red (100%)

Green (18%)

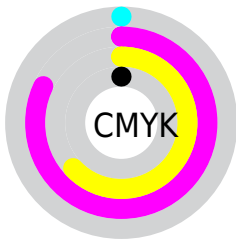
Blue (37%)



Red (100%)

Yellow (18%)

Blue (37%)

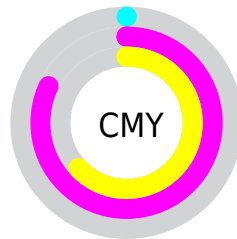


Cyan (0%)

Magenta (82%)

Yellow (63%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.9630, 0.5440, 0.2947 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 23.9630, 0.5440, 0.2947 by changing the saturation by 10% instead.


 23.9630, 0.5440,
0.2947


 23.9630, 0.5440,
0.2947


272.6334, 0.4170,
0.3207


 15.3062, 0.5779,
0.2848


 49.9698, 0.4958,
0.3066


 9.0345, 0.6217,
0.2701


 68.0886, 0.4783,
0.3103

 4.7637, 0.6791,
0.2473

 90.1302, 0.4637,
0.3131

 2.1093, 0.7696,
0.2146

 116.4789, 0.4514,
0.3154

 0.6699, 0.8523,
0.1477

 147.5192, 0.4409,
0.3171

 0.0000, 1.0000,
0.0000

183.6354, 0.4318,

 0.0000, 0.0000,

0.3186

0.0000

225.2120, 0.4240,
0.3198

■ 23.9630, 0.5440,
0.2947

■ 23.9630, 0.5440,
0.2947

■ 22.2558, 0.5793,
0.3015

■ 26.9342, 0.5043,
0.2920


■ 21.5863, 0.6012,
0.3086


■ 31.3548, 0.4646,
0.2930


■ 37.3833, 0.4281,
0.2969

■ 45.1566, 0.3964,
0.3024

■ 54.7967, 0.3697,
0.3087

 66.4146, 0.3478,
0.3152

 80.1127, 0.3300,
0.3216

 95.9862, 0.3156,
0.3277

99.9937, 0.3127,
0.3290

Harmonies

Analogous

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



23.9630, 0.4216, 0.2242



23.9630, 0.5440, 0.2947



23.9630, 0.5725, 0.3727

Triad

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



23.9630, 0.5440, 0.2947



23.9630, 0.2929, 0.5904



23.9630, 0.1224, 0.1516

Complementary

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



23.9630, 0.5440, 0.2947



76.4714, 0.2462, 0.3934

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.



23.9630, 0.1049, 0.1954



23.9630, 0.5440, 0.2947



23.9630, 0.1865, 0.4753

Square

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



23.9630, 0.5440, 0.2947



23.9630, 0.4096, 0.5569



23.9630, 0.1223, 0.3022



23.9630, 0.1764, 0.1465

Rectangle

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



23.9630, 0.5440, 0.2947



23.9630, 0.5401, 0.4312



23.9630, 0.1223, 0.3022



23.9630, 0.1129, 0.1610

Sweetspot

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



23.9644, 0.5440, 0.2947



63.1065, 0.3533, 0.3135



21.7294, 0.2689, 0.1344



12.6252, 0.3609, 0.3112



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.



23.9644, 0.5440, 0.2947



21.6692, 0.5986, 0.3077



30.0993, 0.5613, 0.3670



18.0578, 0.3257, 0.3234



11.3018, 0.5973, 0.3064



1.1165, 0.5662, 0.2893

Inverse Universe

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



23.9644, 0.5440, 0.2947



21.6692, 0.5986, 0.3077



50.2550, 0.2094, 0.2607



18.0578, 0.3257, 0.3234



11.3018, 0.5973, 0.3064



1.1165, 0.5662, 0.2893

Previews

White Background



This preview shows how the Yxy color 23.9630, 0.5440, 0.2947 looks on a white background.

Color Contrast Check

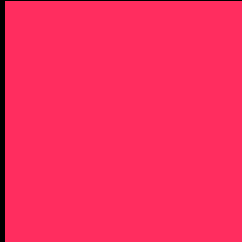
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9630, 0.5440, 0.2947 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 23.9630, 0.5440, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 23.9630, 0.5440, 0.2947.



This preview shows how white text looks on a background with the Yxy color 23.9630, 0.5440, 0.2947.

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

23.9630, 0.5440, 0.2947

Protanopia

24.0620, 0.3172, 0.3307

Deuteranopia

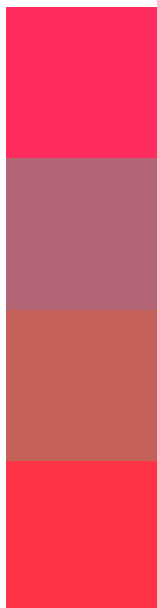
24.1429, 0.4052, 0.3978



Tritanopia

23.9005, 0.5866, 0.3292

Trichromacy



Original Color

23.9630, 0.5440, 0.2947

Protanomaly

20.5380, 0.3989, 0.3045

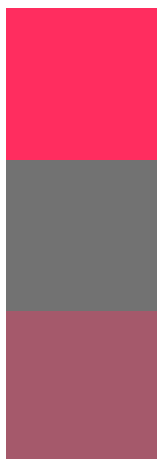
Deuteranomaly

21.1924, 0.4656, 0.3410

Tritanomaly

23.8807, 0.5742, 0.3177

Monochromacy



Original Color

23.9630, 0.5440, 0.2947

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.2056, 0.4038, 0.3010

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9630, 0.5440, 0.2947 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, 45, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 45, 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, 45, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 45, 95) }
```

Border

The CSS property to change the border of an element to Yxy 23.9630, 0.5440, 0.2947 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, 45, 95) }
```

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

```
.border{ border-color:rgb(255, 45, 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, 45, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 45, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 45, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 45,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9630, 0.5440, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 45, 95) }
```

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

```
.background{ background-color: rgb(255, 45,  
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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