

Converting Colors

$Yxy(22.4013, 0.5606, 0.2958)$

Have a look what the booklet for
Yxy(22.4013, 0.5606, 0.2958)
contains.

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Color

Yxy(22.3473, 0.5601, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	FC1F56
RGB	252, 31, 86
RGB Percent	99%, 12%, 34%
CMY	0.0118, 0.8783, 0.6628
CMYK	0.00, 0.88, 0.66, 0.01
HSL	345°, 97%, 55%
HSV	345°, 88%, 99%
XYZ	42.3148, 22.3473, 10.8866
YIQ	103.3490, 114.0610, 63.9570

Conversions

Conversions Part 2

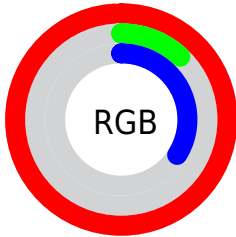
Format	Color
RYB	252, 31, 86
Decimal	16523094
CIELab	54.39, 78.37, 28.54
CIElCh	54, 83.402, 20.012
Yxy	22.3473, 0.5601, 0.2958
Android (android.graphics.Color)	4294713174 (0xFFFC1F56)
YUV	103.3490, -8.5531, 130.3669
Hunter-Lab	47.2729, 77.0508, 19.4371

Details

The Yxy color **22.3473, 0.5601, 0.2958** 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 **73.9454, 0.2469, 0.4016**, and the grayscale version is **13.6650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3173, 0.4583, 0.3008**, and **10.7320, 0.6008, 0.3084** is the 20% darker color. If you saturate the color by 10%, you get **21.2281, 0.5915, 0.3046**, and if you desaturate by 10%, it is **24.5642, 0.5224, 0.2909**.

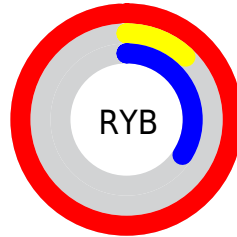
Distribution



Red (99%)

Green (12%)

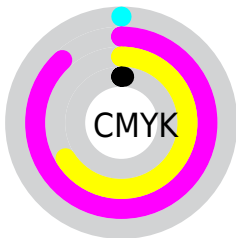
Blue (34%)



Red (99%)

Yellow (12%)

Blue (34%)

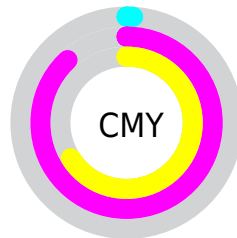


Cyan (0%)

Magenta (88%)

Yellow (66%)

Black (1%)



Cyan (1%)

Magenta (88%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3473, 0.5601, 0.2958 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 22.3473, 0.5601, 0.2958 by changing the saturation by 10% instead.


 22.3473, 0.5601,
0.2958


 22.3473, 0.5601,
0.2958


264.3546, 0.4235,
0.3229


 14.1123, 0.5964,
0.2849


 47.3193, 0.5083,
0.3086


 8.1988, 0.6430,
0.2685


 64.8252, 0.4894,
0.3125

 4.2224, 0.7031,
0.2426

 86.1901, 0.4736,
0.3154

 1.7988, 0.7951,
0.2049

 111.7985, 0.4604,
0.3177

 0.4864, 0.8778,
0.1222

 142.0347, 0.4491,
0.3194

 0.0000, 1.0000,
0.0000

177.2833, 0.4394,

 0.0000, 0.0000,

0.3208

0.0000

217.9284, 0.4310,
0.3220

■ 22.3473, 0.5601,
0.2958

■ 22.3473, 0.5601,
0.2958

■ 21.2281, 0.5915,
0.3046

■ 24.5642, 0.5224,
0.2909

■ 21.0510, 0.5978,
0.3067

■ 28.0955, 0.4828,
0.2902

■ 33.1098, 0.4450,
0.2929

■ 39.7495, 0.4112,
0.2979

■ 48.1400, 0.3823,
0.3041

 58.3945, 0.3583,
0.3109

 70.6166, 0.3387,
0.3177

 84.9020, 0.3228,
0.3243

99.4356, 0.3109,
0.3290

Harmonies

Analogous

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



22.3473, 0.4356, 0.2234



22.3473, 0.5601, 0.2958



22.3473, 0.5812, 0.3754

Triad

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



22.3473, 0.5601, 0.2958



22.3473, 0.2821, 0.6035



22.3473, 0.1180, 0.1438

Complementary

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



22.3473, 0.5601, 0.2958



73.9454, 0.2469, 0.4016

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.



22.3473, 0.0982, 0.1851



22.3473, 0.5601, 0.2958



22.3473, 0.1745, 0.4733

Square

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



22.3473, 0.5601, 0.2958



22.3473, 0.4026, 0.5698



22.3473, 0.1128, 0.2907



22.3473, 0.1754, 0.1409

Rectangle

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



22.3473, 0.5601, 0.2958



22.3473, 0.5427, 0.4362



22.3473, 0.1128, 0.2907



22.3473, 0.1078, 0.1524

Sweetspot

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



22.3487, 0.5601, 0.2958



61.9434, 0.3548, 0.3121



19.8471, 0.2653, 0.1283



12.4041, 0.3623, 0.3097



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.



22.3487, 0.5601, 0.2958



21.6238, 0.5979, 0.3068



27.4932, 0.5791, 0.3640



17.2960, 0.3255, 0.3231



10.9853, 0.5937, 0.3044



1.0336, 0.5606, 0.2862

Inverse Universe

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



22.3487, 0.5601, 0.2958



21.6238, 0.5979, 0.3068



47.1421, 0.2064, 0.2557



17.2960, 0.3255, 0.3231



10.9853, 0.5937, 0.3044



1.0336, 0.5606, 0.2862

Previews

White Background



This preview shows how the Yxy color 22.3473, 0.5601, 0.2958 looks on a white background.

Color Contrast Check

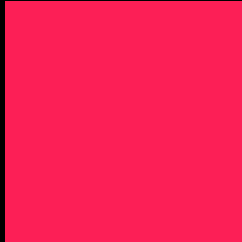
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3473, 0.5601, 0.2958 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 22.3473, 0.5601, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 22.3473, 0.5601, 0.2958.



This preview shows how white text looks on a background with the Yxy color 22.3473, 0.5601, 0.2958.

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

22.3473, 0.5601, 0.2958

Protanopia

22.5714, 0.3251, 0.3396

Deuteranopia

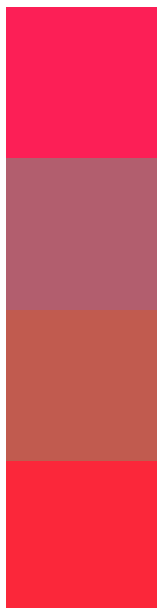
22.5462, 0.4145, 0.4081



Tritanopia

22.4778, 0.6050, 0.3308

Trichromacy



Original Color

22.3473, 0.5601, 0.2958

Protanomaly

18.5962, 0.4142, 0.3059

Deuteranomaly

19.3841, 0.4827, 0.3447

Tritanomaly

22.2658, 0.5925, 0.3196

Monochromacy



Original Color

22.3473, 0.5601, 0.2958

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.3389, 0.4164, 0.2967

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3473, 0.5601, 0.2958 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(252, 31, 86)` looks like.

```
.text, #text, p{  
    color:rgb(252, 31, 86)  
}
```

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(252, 31, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 31, 86) }
```

Border

The CSS property to change the border of an element to Yxy 22.3473, 0.5601, 0.2958 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(252, 31, 86) }
```

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

```
.border{ border-color:rgb(252, 31, 86) }
```

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

Here you see how a box with a 4 pixel rgb(252, 31, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 31, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 31, 86);  
box-shadow:4px 4px 4px 4px rgb(252, 31,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3473, 0.5601, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 31, 86) }
```

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

```
.background{ background-color: rgb(252, 31,  
86) }
```

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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