

Converting Colors

$Yxy(24.4275, 0.5437, 0.2990)$

Have a look what the booklet for
Yxy(24.4275, 0.5437, 0.2990)
contains.

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Color

Yxy(24.4358, 0.5430, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	FF335E
RGB	255, 51, 94
RGB Percent	100%, 20%, 37%
CMY	0.0001, 0.7997, 0.6314
CMYK	0.00, 0.80, 0.63, 0.00
HSL	347°, 100%, 60%
HSV	347°, 80%, 100%
XYZ	44.4362, 24.4358, 12.9626
YIQ	116.8980, 107.7810, 56.6210

Conversions

Conversions Part 2

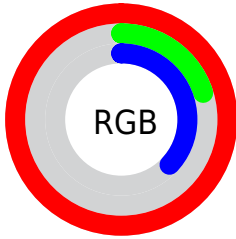
Format	Color
RYB	255, 51, 94
Decimal	16724830
CIELab	56.52, 75.47, 26.65
CIELCh	57, 80.038, 19.449
Yxy	24.4358, 0.5430, 0.2986
Android (android.graphics.Color)	4294914910 (0xFFFF335E)
YUV	116.8980, -11.2887, 121.1155
Hunter-Lab	49.4326, 73.9510, 19.0553

Details

The Yxy color **24.4358, 0.5430, 0.2986** 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 **76.9637, 0.2444, 0.3837**, and the grayscale version is **17.7786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9962, 0.4416, 0.3020**, and **11.1689, 0.5910, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **22.4675, 0.5801, 0.3043**, and if you desaturate by 10%, it is **27.7211, 0.5018, 0.2966**.

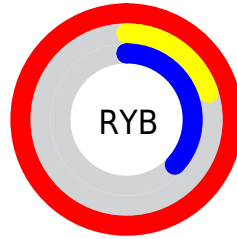
Distribution



Red (100%)

Green (20%)

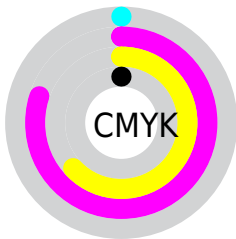
Blue (37%)



Red (100%)

Yellow (20%)

Blue (37%)

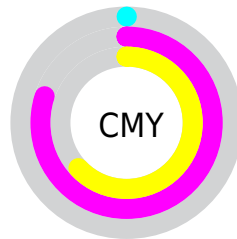


Cyan (0%)

Magenta (80%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4358, 0.5430, 0.2986 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 24.4358, 0.5430, 0.2986 by changing the saturation by 10% instead.


 24.4358, 0.5430,
0.2986


 24.4358, 0.5430,
0.2986

275.0164, 0.4169,
0.3227


 15.6572, 0.5765,
0.2892


 50.7404, 0.4953,
0.3098


 9.2819, 0.6197,
0.2750


 69.0353, 0.4778,
0.3133


 4.9255, 0.6762,
0.2528

 91.2710, 0.4633,
0.3159

 2.2036, 0.7658,
0.2213

 117.8319, 0.4511,
0.3179

 0.7220, 0.8440,
0.1560

 149.1026, 0.4407,
0.3195

 0.0000, 1.0000,
0.0000

185.4673, 0.4317,

 0.0000, 0.0000,

0.3208

0.0000

227.3104, 0.4238,
0.3219

■ 24.4358, 0.5430,
0.2986

■ 24.4358, 0.5430,
0.2986

■ 22.4675, 0.5801,
0.3043

■ 27.7211, 0.5018,
0.2966

■ 21.5202, 0.6087,
0.3127

■ 32.5004, 0.4612,
0.2980

■ 21.5177, 0.6088,
0.3128

■ 38.9275, 0.4243,
0.3016

■ 47.1359, 0.3925,
0.3067

■ 57.2455, 0.3660,
0.3124

■ 69.3654, 0.3444,
0.3182

■ 83.5969, 0.3268,
0.3238

99.9945, 0.3127,
0.3290

Harmonies

Analogous

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



24.4358, 0.4253, 0.2282



24.4358, 0.5430, 0.2986



24.4358, 0.5680, 0.3765

Triad

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



24.4358, 0.5430, 0.2986



24.4358, 0.2899, 0.5837



24.4358, 0.1260, 0.1531

Complementary

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



24.4358, 0.5430, 0.2986



76.9637, 0.2444, 0.3837

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.



24.4358, 0.1074, 0.1951



24.4358, 0.5430, 0.2986



24.4358, 0.1855, 0.4657

Square

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



24.4358, 0.5430, 0.2986



24.4358, 0.4052, 0.5570



24.4358, 0.1235, 0.2977



24.4358, 0.1812, 0.1491

Rectangle

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



24.4358, 0.5430, 0.2986



24.4358, 0.5349, 0.4347



24.4358, 0.1235, 0.2977



24.4358, 0.1161, 0.1620

Sweetspot

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



24.4373, 0.5430, 0.2986



64.2440, 0.3526, 0.3158



23.4115, 0.2771, 0.1409



12.8394, 0.3604, 0.3138



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.



24.4373, 0.5430, 0.2986



21.8262, 0.5984, 0.3094



32.3995, 0.5461, 0.3742



18.0496, 0.3261, 0.3240



11.2637, 0.6052, 0.3107



1.1118, 0.5749, 0.2941

Inverse Universe

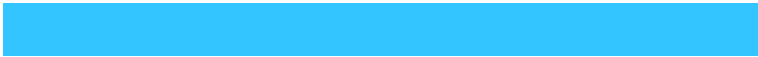
The Inverse Universe completely reimagines the original color for something new.



24.4373, 0.5430, 0.2986



21.8262, 0.5984, 0.3094



47.9484, 0.2085, 0.2535



18.0496, 0.3261, 0.3240



11.2637, 0.6052, 0.3107



1.1118, 0.5749, 0.2941

Previews

White Background



This preview shows how the Yxy color 24.4358, 0.5430, 0.2986 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 24.4358, 0.5430, 0.2986 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 24.4358, 0.5430, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 24.4358, 0.5430, 0.2986.



This preview shows how white text looks on a background with the Yxy color 24.4358, 0.5430, 0.2986.

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

24.4358, 0.5430, 0.2986

Protanopia

24.5151, 0.3236, 0.3375

Deuteranopia

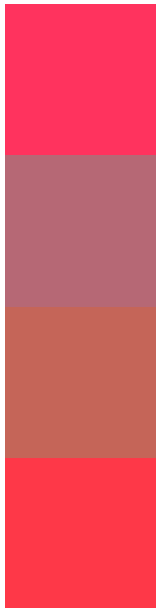
24.4979, 0.4068, 0.4003



Tritanopia

24.5250, 0.5805, 0.3292

Trichromacy



Original Color

24.4358, 0.5430, 0.2986

Protanomaly

21.1301, 0.4035, 0.3105

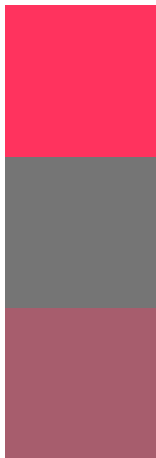
Deuteranomaly

21.8823, 0.4656, 0.3461

Tritanomaly

24.3671, 0.5690, 0.3191

Monochromacy



Original Color

24.4358, 0.5430, 0.2986

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.1483, 0.4013, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4358, 0.5430, 0.2986 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, 51, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 94)  
}
```

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, 51, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 94) }
```

Border

The CSS property to change the border of an element to Yxy 24.4358, 0.5430, 0.2986 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, 51, 94) }
```

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

```
.border{ border-color:rgb(255, 51, 94) }
```

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

Here you see how a box with a 4 pixel rgb(255, 51, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4358, 0.5430, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 94) }
```

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

```
.background{ background-color: rgb(255, 51,  
94) }
```

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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