

Converting Colors

Yxy(24.5884, 0.5481, 0.3038)

Have a look what the booklet for
Yxy(24.5884, 0.5481, 0.3038)
contains.

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Color

Yxy(24.6365, 0.5473, 0.3037)

Conversions

Conversions Part 1	
Format	Color
Hex	FF365A
RGB	255, 54, 90
RGB Percent	100%, 21%, 35%
CMY	0.0001, 0.7880, 0.6471
CMYK	0.00, 0.79, 0.65, 0.00
HSL	349°, 100%, 61%
HSV	349°, 79%, 100%
XYZ	44.3976, 24.6365, 12.0871
YIQ	118.2030, 108.2400, 53.8080

Conversions

Conversions Part 2

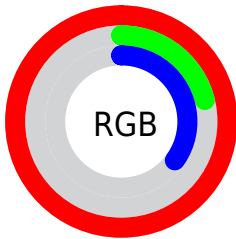
Format	Color
RYB	255, 54, 90
Decimal	16725594
CIELab	56.72, 74.50, 29.26
CIELCh	57, 80.044, 21.440
Yxy	24.6365, 0.5473, 0.3037
Android (android.graphics.Color)	4294915674 (0xFFFF365A)
YUV	118.2030, -13.9041, 119.9710
Hunter-Lab	49.6352, 72.8030, 20.3064

Details

The Yxy color **24.6365, 0.5473, 0.3037** 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 **77.4068, 0.2421, 0.3743**, and the grayscale version is **18.2129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3471, 0.4456, 0.3081**, and **11.1366, 0.5975, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **22.5434, 0.5853, 0.3087**, and if you desaturate by 10%, it is **28.0754, 0.5048, 0.3020**.

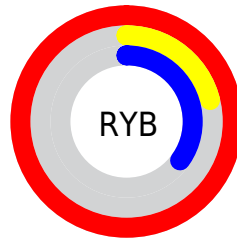
Distribution



Red (100%)

Green (21%)

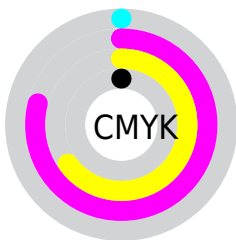
Blue (35%)



Red (100%)

Yellow (21%)

Blue (35%)

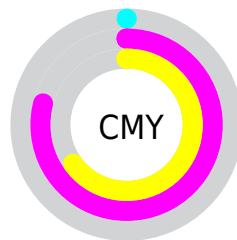


Cyan (0%)

Magenta (79%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6365, 0.5473, 0.3037 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 24.6365, 0.5473, 0.3037 by changing the saturation by 10% instead.

 24.6365, 0.5473,
0.3037


 24.6365, 0.5473,
0.3037


 276.0228, 0.4192,
0.3258


 15.8064, 0.5810,
0.2945

 51.0669, 0.4990,
0.3144


 9.3873, 0.6242,
0.2805


 69.4360, 0.4813,
0.3176


 4.9947, 0.6802,
0.2582


 91.7537, 0.4665,
0.3199

 2.2441, 0.7724,
0.2276

 118.4042, 0.4541,
0.3217

 0.7439, 0.8398,
0.1602

 149.7719, 0.4434,
0.3231

 0.0000, 1.0000,
0.0000


186.2414, 0.4343,

 0.0000, 0.0000,

0.3242

0.0000

228.1969, 0.4263,
0.3251


 24.6365, 0.5473,
0.3037


 24.6365, 0.5473,
0.3037

 22.5434, 0.5853,
0.3087

 28.0754, 0.5048,
0.3020

 21.5362, 0.6138,
0.3162


 33.0337, 0.4629,
0.3031

 21.4492, 0.6166,
0.3171

 39.6637, 0.4249,
0.3063

 48.0978, 0.3923,
0.3106

 58.4553, 0.3653,
0.3155

 70.8450, 0.3432,
0.3204

 85.3677, 0.3255,
0.3251

99.9951, 0.3127,
0.3290

Harmonies

Analogous

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



24.6365, 0.4346, 0.2327



24.6365, 0.5473, 0.3037



24.6365, 0.5657, 0.3821

Triad

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



24.6365, 0.5473, 0.3037



24.6365, 0.2825, 0.5798



24.6365, 0.1287, 0.1521

Complementary

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



24.6365, 0.5473, 0.3037



77.4068, 0.2421, 0.3743

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.



24.6365, 0.1079, 0.1911



24.6365, 0.5473, 0.3037



24.6365, 0.1801, 0.4537

Square

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



24.6365, 0.5473, 0.3037



24.6365, 0.3977, 0.5614



24.6365, 0.1216, 0.2887



24.6365, 0.1867, 0.1503

Rectangle

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



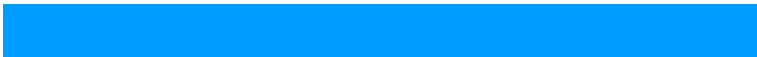
24.6365, 0.5473, 0.3037



24.6365, 0.5297, 0.4408



24.6365, 0.1216, 0.2887



24.6365, 0.1181, 0.1602

Sweetspot

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



24.6380, 0.5473, 0.3037



64.1500, 0.3541, 0.3178



24.7904, 0.2844, 0.1459



12.8174, 0.3623, 0.3161



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.



24.6380, 0.5473, 0.3037



21.8277, 0.6042, 0.3133



34.4058, 0.5351, 0.3809



18.0401, 0.3266, 0.3248



11.2255, 0.6133, 0.3152



1.1067, 0.5846, 0.2994

Inverse Universe

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



24.6380, 0.5473, 0.3037



21.8277, 0.6042, 0.3133



45.4208, 0.2069, 0.2455



18.0401, 0.3266, 0.3248



11.2255, 0.6133, 0.3152



1.1067, 0.5846, 0.2994

Previews

White Background



This preview shows how the Yxy color 24.6365, 0.5473, 0.3037 looks on a white background.

Color Contrast Check

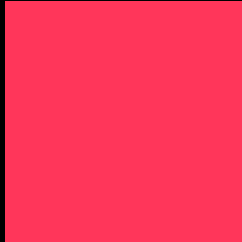
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6365, 0.5473, 0.3037 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 24.6365, 0.5473, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 24.6365, 0.5473, 0.3037.



This preview shows how white text looks on a background with the Yxy color 24.6365, 0.5473, 0.3037.

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

24.6365, 0.5473, 0.3037

Protanopia

24.7892, 0.3333, 0.3511

Deuteranopia

24.6514, 0.4136, 0.4053



Tritanopia

24.6503, 0.5778, 0.3285

Trichromacy



Original Color

24.6365, 0.5473, 0.3037



Protanomaly

21.5230, 0.4124, 0.3221



Deuteranomaly

22.1486, 0.4713, 0.3522



Tritanomaly

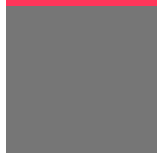
24.5648, 0.5679, 0.3203

Monochromacy



Original Color

24.6365, 0.5473, 0.3037



Achromatopsia

18.1164, 0.3127, 0.3290



Achromatomaly

17.5920, 0.4032, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6365, 0.5473, 0.3037 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, 54, 90) looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 90)  
}
```

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, 54, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 90) }
```

Border

The CSS property to change the border of an element to Yxy 24.6365, 0.5473, 0.3037 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, 54, 90) }
```

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

```
.border{ border-color:rgb(255, 54, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 54, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6365, 0.5473, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 90) }
```

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

```
.background{ background-color: rgb(255, 54,  
90) }
```

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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