

Converting Colors

$Yxy(25.6868, 0.5467, 0.3069)$

Have a look what the booklet for
Yxy(25.6868, 0.5467, 0.3069)
contains.

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Color

Yxy(25.1261, 0.5449, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	FF3B5A
RGB	255, 59, 90
RGB Percent	100%, 23%, 35%
CMY	0.0000, 0.7687, 0.6470
CMYK	0.00, 0.77, 0.65, 0.00
HSL	351°, 100%, 62%
HSV	351°, 77%, 100%
XYZ	44.6550, 25.1261, 12.1697
YIQ	121.1380, 106.8650, 51.1930

Conversions

Conversions Part 2

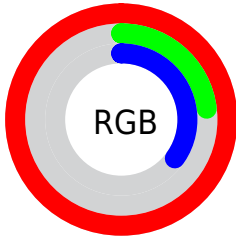
Format	Color
R_{YB}	255, 59, 90
Decimal	16726874
CIE _{Lab}	57.20, 73.19, 29.86
CIE _{LCh}	57, 79.049, 22.197
Yxy	25.1261, 0.5449, 0.3066
Android (android.graphics.Color)	4294916954 (0xFFFF3B5A)
YUV	121.1380, -15.3510, 117.3970
Hunter-Lab	50.1259, 71.2973, 20.6936

Details

The Yxy color **25.1261, 0.5449, 0.3066** 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 **77.8296, 0.2410, 0.3677**, and the grayscale version is **19.1874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3194, 0.4436, 0.3121**, and **11.1366, 0.5975, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **22.7984, 0.5843, 0.3108**, and if you desaturate by 10%, it is **28.8332, 0.5014, 0.3054**.

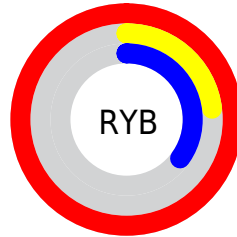
Distribution



Red (100%)

Green (23%)

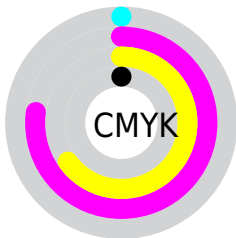
Blue (35%)



Red (100%)

Yellow (23%)

Blue (35%)

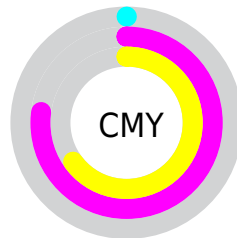


Cyan (0%)

Magenta (77%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1261, 0.5449, 0.3066 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 25.1261, 0.5449, 0.3066 by changing the saturation by 10% instead.


 25.1261, 0.5449,
0.3066


 25.1261, 0.5449,
0.3066


278.4653, 0.4185,
0.3271


 16.1710, 0.5781,
0.2979


 51.8617, 0.4973,
0.3167


 9.6453, 0.6206,
0.2844


 70.4111, 0.4798,
0.3196


 5.1644, 0.6756,
0.2629

 92.9273, 0.4652,
0.3218

 2.3440, 0.7665,
0.2335

 119.7948, 0.4529,
0.3235

 0.7969, 0.8321,
0.1679

 151.3979, 0.4424,
0.3248

 0.0000, 1.0000,
0.0000

188.1211, 0.4333,

 0.0000, 0.0000,

0.3257

0.0000

230.3488, 0.4254,
0.3265

■ 25.1261, 0.5449,
0.3066

■ 25.1261, 0.5449,
0.3066

■ 22.7984, 0.5843,
0.3108

■ 28.8332, 0.5014,
0.3054

■ 21.6390, 0.6140,
0.3175

■ 34.0987, 0.4590,
0.3066

■ 21.4157, 0.6211,
0.3195

■ 41.0680, 0.4210,
0.3096

■ 49.8712, 0.3886,
0.3136

■ 60.6258, 0.3619,
0.3179

73.4394, 0.3402,
0.3222

88.4120, 0.3227,
0.3263

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



25.1261, 0.4360, 0.2359



25.1261, 0.5449, 0.3066



25.1261, 0.5613, 0.3847

Triad

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



25.1261, 0.5449, 0.3066



25.1261, 0.2810, 0.5731



25.1261, 0.1320, 0.1541

Complementary

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



25.1261, 0.5449, 0.3066



77.8296, 0.2410, 0.3677

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.



25.1261, 0.1105, 0.1918



25.1261, 0.5449, 0.3066



25.1261, 0.1805, 0.4469

Square

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



25.1261, 0.5449, 0.3066



25.1261, 0.3949, 0.5599



25.1261, 0.1234, 0.2866



25.1261, 0.1906, 0.1529

Rectangle

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



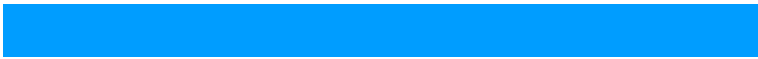
25.1261, 0.5449, 0.3066



25.1261, 0.5253, 0.4429



25.1261, 0.1234, 0.2866



25.1261, 0.1211, 0.1619

Sweetspot

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



25.1239, 0.5449, 0.3066



65.3363, 0.3529, 0.3196



25.9274, 0.2885, 0.1501



13.0417, 0.3612, 0.3180



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.



25.1239, 0.5449, 0.3066



22.0753, 0.6010, 0.3140



36.0709, 0.5251, 0.3844



18.0339, 0.3269, 0.3253



11.2039, 0.6180, 0.3178



1.1037, 0.5906, 0.3027

Inverse Universe

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



25.1239, 0.5449, 0.3066



22.0753, 0.6010, 0.3140



44.8287, 0.2073, 0.2433



18.0339, 0.3269, 0.3253



11.2039, 0.6180, 0.3178



1.1037, 0.5906, 0.3027

Previews

White Background



This preview shows how the Yxy color 25.1261, 0.5449, 0.3066 looks on a white background.

Color Contrast Check

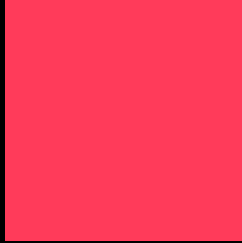
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1261, 0.5449, 0.3066 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 25.1261, 0.5449, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 25.1261, 0.5449, 0.3066.



This preview shows how white text looks on a background with the Yxy color 25.1261, 0.5449, 0.3066.

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

25.1261, 0.5449, 0.3066

Protanopia

25.2258, 0.3365, 0.3543

Deuteranopia

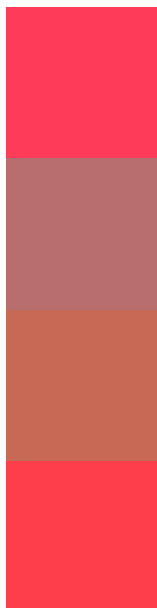
25.0273, 0.4139, 0.4063



Tritanopia

25.1310, 0.5709, 0.3284

Trichromacy



Original Color

25.1261, 0.5449, 0.3066

Protanomaly

22.2534, 0.4133, 0.3279

Deuteranomaly

22.8854, 0.4697, 0.3559

Tritanomaly

25.0241, 0.5619, 0.3206

Monochromacy



Original Color

25.1261, 0.5449, 0.3066

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.4072, 0.4012, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1261, 0.5449, 0.3066 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, 59, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 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, 59, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 90) }
```

Border

The CSS property to change the border of an element to Yxy 25.1261, 0.5449, 0.3066 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, 59, 90) }
```

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

```
.border{ border-color:rgb(255, 59, 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, 59, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1261, 0.5449, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 90) }
```

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

```
.background{ background-color: rgb(255, 59,  
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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