

Converting Colors

$Yxy(27.1497, 0.5166, 0.3035)$

Have a look what the booklet for
Yxy(27.1497, 0.5166, 0.3035)
contains.

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Color

Yxy(27.1775, 0.5161, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	FF4A69
RGB	255, 74, 105
RGB Percent	100%, 29%, 41%
CMY	0.0001, 0.7096, 0.5883
CMYK	0.00, 0.71, 0.59, 0.00
HSL	350°, 100%, 65%
HSV	350°, 71%, 100%
XYZ	46.2304, 27.1775, 16.1686
YIQ	131.6530, 97.9250, 48.0130

Conversions

Conversions Part 2

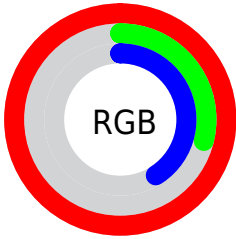
Format	Color
R_{YB}	255, 74, 105
Decimal	16730729
CIE _{Lab}	59.14, 69.35, 23.64
CIE _{LCh}	59, 73.264, 18.824
Yxy	27.1775, 0.5161, 0.3034
Android (android.graphics.Color)	4294920809 (0xFFFF4A69)
YUV	131.6530, -13.1399, 108.1753
Hunter-Lab	52.1320, 67.0618, 18.1039

Details

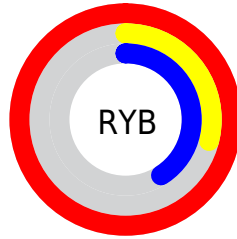
The Yxy color **27.1775, 0.5161, 0.3034** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **78.3447, 0.2440, 0.3673**, and the grayscale version is **22.9723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7105, 0.4198, 0.3064**, and **11.3819, 0.5755, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **24.0521, 0.5583, 0.3059**, and if you desaturate by 10%, it is **31.7927, 0.4733, 0.3039**.

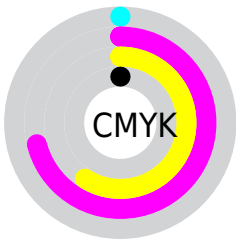
Distribution



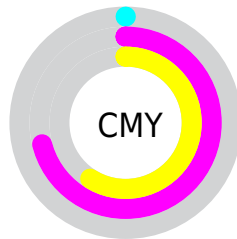
- Red (100%)
- Green (29%)
- Blue (41%)



- Red (100%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (71%)
- Yellow (59%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1775, 0.5161, 0.3034 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 27.1775, 0.5161, 0.3034 by changing the saturation by 10% instead.


 27.1775, 0.5161,
0.3034


 27.1775, 0.5161,
0.3034


288.5155, 0.4058,
0.3230


 17.7066, 0.5455,
0.2960


 55.1686, 0.4744,
0.3124

 10.7395, 0.5836,
0.2848

 74.4575, 0.4592,
0.3152


 5.8920, 0.6343,
0.2674

 97.7879, 0.4465,
0.3173

 2.7795, 0.7045,
0.2392

 125.5441, 0.4358,
0.3190

 1.0177, 0.8074,
0.1926

 158.1106, 0.4267,
0.3203

 0.0000, 1.0000,
0.0000

195.8718, 0.4187,

 0.0000, 0.0000,

0.3214

0.0000

239.2119, 0.4119,
0.3223

■ 27.1775, 0.5161,
0.3034

■ 27.1775, 0.5161,
0.3034

■ 24.0521, 0.5583,
0.3059

■ 31.7927, 0.4733,
0.3039

■ 22.2255, 0.5945,
0.3114


■ 38.0490, 0.4339,
0.3065

■ 21.4335, 0.6184,
0.3180

■ 46.0840, 0.3997,
0.3105

■ 56.0197, 0.3712,
0.3151

■ 67.9672, 0.3479,
0.3198

 82.0290, 0.3291,
0.3243

 98.3006, 0.3140,
0.3286

99.9948, 0.3127,
0.3290

Harmonies

Analogous

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



27.1775, 0.4108, 0.2369



27.1775, 0.5161, 0.3034



27.1775, 0.5444, 0.3777

Triad

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



27.1775, 0.5161, 0.3034



27.1775, 0.2996, 0.5518



27.1775, 0.1403, 0.1688

Complementary

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



27.1775, 0.5161, 0.3034



78.3447, 0.2440, 0.3673

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.



27.1775, 0.1236, 0.2109



27.1775, 0.5161, 0.3034



27.1775, 0.2020, 0.4512

Square

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



27.1775, 0.5161, 0.3034



27.1775, 0.4057, 0.5358



27.1775, 0.1414, 0.3066



27.1775, 0.1920, 0.1635

Rectangle

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



27.1775, 0.5161, 0.3034



27.1775, 0.5190, 0.4314



27.1775, 0.1414, 0.3066



27.1775, 0.1311, 0.1781

Sweetspot

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



27.1791, 0.5161, 0.3034



67.9267, 0.3480, 0.3197



27.6217, 0.2882, 0.1574



13.7890, 0.3540, 0.3184



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.



27.1791, 0.5161, 0.3034



23.1744, 0.5740, 0.3078



38.0753, 0.5069, 0.3812



18.0377, 0.3267, 0.3250



11.2169, 0.6152, 0.3163



1.1056, 0.5869, 0.3007

Inverse Universe

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



27.1791, 0.5161, 0.3034



23.1744, 0.5740, 0.3078



48.9190, 0.2138, 0.2551



18.0377, 0.3267, 0.3250



11.2169, 0.6152, 0.3163



1.1056, 0.5869, 0.3007

Previews

White Background



This preview shows how the Yxy color 27.1775, 0.5161, 0.3034 looks on a white background.

Color Contrast Check

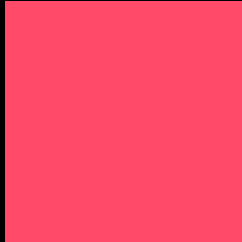
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1775, 0.5161, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

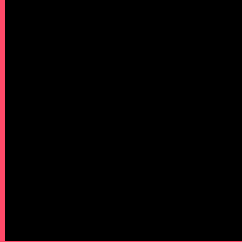
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.1775, 0.5161, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 27.1775, 0.5161, 0.3034.



This preview shows how white text looks on a background with the Yxy color 27.1775, 0.5161, 0.3034.

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

27.1775, 0.5161, 0.3034

Protanopia

27.3266, 0.3242, 0.3388

Deuteranopia

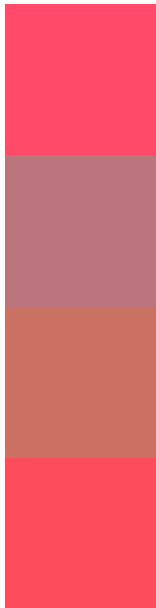
27.1108, 0.3978, 0.3892



Tritanopia

27.1288, 0.5430, 0.3265

Trichromacy



Original Color

27.1775, 0.5161, 0.3034

Protanomaly

24.6424, 0.3911, 0.3179

Deuteranomaly

25.2677, 0.4469, 0.3473

Tritanomaly

27.1168, 0.5338, 0.3190

Monochromacy



Original Color

27.1775, 0.5161, 0.3034

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.1211, 0.3866, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1775, 0.5161, 0.3034 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, 74, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 105)  
}
```

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, 74, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 105) }
```

Border

The CSS property to change the border of an element to Yxy 27.1775, 0.5161, 0.3034 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, 74, 105) }
```

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

```
.border{ border-color:rgb(255, 74, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 74, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1775, 0.5161, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 105) }
```

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

```
.background{ background-color: rgb(255, 74,  
105) }
```

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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