

Converting Colors

Yxy(26.7932, 0.5344, 0.3143)

Have a look what the booklet for
Yxy(26.7932, 0.5344, 0.3143)
contains.

Yxy(26.7978, 0.5344, 0.3143)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.7978, 0.5344, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	FF495C
RGB	255, 73, 92
RGB Percent	100%, 29%, 36%
CMY	0.0000, 0.7139, 0.6391
CMYK	0.00, 0.71, 0.64, 0.00
HSL	354°, 100%, 64%
HSV	354°, 71%, 100%
XYZ	45.5639, 26.7978, 12.9001
YIQ	129.5840, 102.3730, 44.4930

Conversions

Conversions Part 2

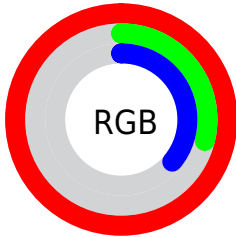
Format	Color
R_{YB}	255, 73, 92
Decimal	16730460
CIE Lab	58.79, 68.96, 30.71
CIE LCh	59, 75.493, 24.006
Yxy	26.7978, 0.5344, 0.3143
Android (android.graphics.Color)	4294920540 (0xFFFF495C)
YUV	129.5840, -18.5289, 109.9898
Hunter-Lab	51.7666, 66.5206, 21.4617

Details

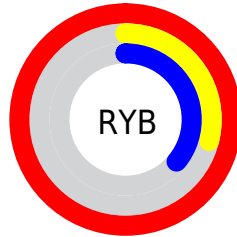
The Yxy color **26.7978, 0.5344, 0.3143** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **78.9880, 0.2391, 0.3521**, and the grayscale version is **22.2003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9881, 0.4363, 0.3201**, and **11.2736, 0.5964, 0.3059** is the 20% darker color. If you saturate the color by 10%, you get **23.7622, 0.5775, 0.3165**, and if you desaturate by 10%, it is **31.3166, 0.4888, 0.3141**.

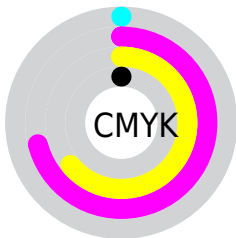
Distribution



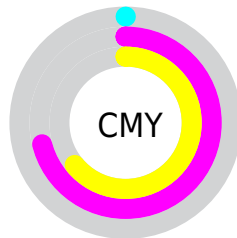
- Red (100%)
- Green (29%)
- Blue (36%)



- Red (100%)
- Yellow (29%)
- Blue (36%)



- Cyan (0%)
- Magenta (71%)
- Yellow (64%)
- Black (0%)




- Cyan (0%)
- Magenta (71%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7978, 0.5344, 0.3143 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 26.7978, 0.5344, 0.3143 by changing the saturation by 10% instead.


 26.7978, 0.5344,
0.3143


 26.7978, 0.5344,
0.3143


286.6768, 0.4145,
0.3303


 17.4214, 0.5657,
0.3070


 54.5592, 0.4894,
0.3225


 10.5354, 0.6057,
0.2955


 73.7131, 0.4729,
0.3249


 5.7554, 0.6575,
0.2767

 96.8949, 0.4591,
0.3265

 2.6969, 0.7392,
0.2499

 124.4890, 0.4474,
0.3278

 0.9756, 0.8090,
0.1910

 156.8798, 0.4374,
0.3287

 0.0000, 1.0000,
0.0000

194.4518, 0.4287,

 0.0000, 0.0000,

0.3294

0.0000

237.5893, 0.4212,
0.3299

■ 26.7978, 0.5344,
0.3143

■ 26.7978, 0.5344,
0.3143

■ 23.7622, 0.5775,
0.3165

■ 31.3166, 0.4888,
0.3141

■ 22.0325, 0.6116,
0.3206


■ 37.4917, 0.4459,
0.3154


■ 21.3377, 0.6304,
0.3247

■ 45.4576, 0.4085,
0.3177

■ 55.3386, 0.3772,
0.3204

■ 67.2479, 0.3517,
0.3232

 81.2898, 0.3312,
0.3260

 97.5616, 0.3147,
0.3287

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.



26.7978, 0.4363, 0.2450



26.7978, 0.5344, 0.3143



26.7978, 0.5470, 0.3909

Triad

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



26.7978, 0.5344, 0.3143



26.7978, 0.2791, 0.5515



26.7978, 0.1424, 0.1614

Complementary

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



26.7978, 0.5344, 0.3143



78.9880, 0.2391, 0.3521

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.



26.7978, 0.1197, 0.1963



26.7978, 0.5344, 0.3143



26.7978, 0.1841, 0.4292

Square

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



26.7978, 0.5344, 0.3143



26.7978, 0.3881, 0.5514



26.7978, 0.1308, 0.2834



26.7978, 0.2019, 0.1617

Rectangle

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



26.7978, 0.5344, 0.3143



26.7978, 0.5124, 0.4469



26.7978, 0.1308, 0.2834



26.7978, 0.1311, 0.1685

Sweetspot

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



26.7932, 0.5344, 0.3143



67.7511, 0.3508, 0.3234



29.4324, 0.2997, 0.1625



13.7481, 0.3573, 0.3226



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.



26.7932, 0.5344, 0.3143



22.8159, 0.5947, 0.3182



41.3086, 0.4971, 0.3932



18.0180, 0.3278, 0.3265



11.1594, 0.6281, 0.3234



1.0962, 0.6062, 0.3113

Inverse Universe

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



26.7932, 0.5344, 0.3143



22.8159, 0.5947, 0.3182



43.4247, 0.2092, 0.2378



18.0180, 0.3278, 0.3265



11.1594, 0.6281, 0.3234



1.0962, 0.6062, 0.3113

Previews

White Background



This preview shows how the Yxy color 26.7978, 0.5344, 0.3143 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 26.7978, 0.5344, 0.3143 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 26.7978, 0.5344, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 26.7978, 0.5344, 0.3143.



This preview shows how white text looks on a background with the Yxy color 26.7978, 0.5344, 0.3143.

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

26.7978, 0.5344, 0.3143

Protanopia

26.7954, 0.3434, 0.3635

Deuteranopia

26.7231, 0.4135, 0.4057



Tritanopia

26.6675, 0.5487, 0.3266

Trichromacy



Original Color

26.7978, 0.5344, 0.3143

Protanomaly

24.3079, 0.4140, 0.3377

Deuteranomaly

24.8168, 0.4643, 0.3619

Tritanomaly

26.6085, 0.5433, 0.3218

Monochromacy



Original Color

26.7978, 0.5344, 0.3143

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.3122, 0.3933, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7978, 0.5344, 0.3143 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, 73, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 73, 92)  
}
```

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, 73, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 73, 92) }
```

Border

The CSS property to change the border of an element to Yxy 26.7978, 0.5344, 0.3143 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, 73, 92) }
```

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

```
.border{ border-color:rgb(255, 73, 92) }
```

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

Here you see how a box with a 4 pixel rgb(255, 73, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 73, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 73, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 73,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7978, 0.5344, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 73, 92) }
```

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

```
.background{ background-color: rgb(255, 73,  
92) }
```

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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