

Converting Colors

$Yxy(21.4916, 0.5083, 0.3016)$

Have a look what the booklet for
Yxy(21.4916, 0.5083, 0.3016)
contains.

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Color

Yxy(21.4913, 0.5083, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	E44461
RGB	228, 68, 97
RGB Percent	89%, 27%, 38%
CMY	0.1059, 0.7333, 0.6196
CMYK	0.00, 0.70, 0.57, 0.11
HSL	349°, 75%, 58%
HSV	349°, 70%, 89%
XYZ	36.2203, 21.4913, 13.5461
YIQ	119.1460, 86.0510, 42.9390

Conversions

Conversions Part 2

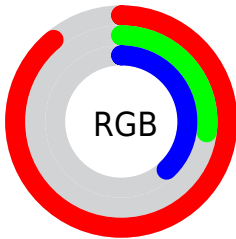
Format	Color
R_{YB}	228, 68, 97
Decimal	14959713
CIE _{Lab}	53.48, 63.00, 19.96
CIE _{LCh}	53, 66.089, 17.575
Yxy	21.4913, 0.5083, 0.3016
Android (android.graphics.Color)	4293149793 (0xFFE44461)
YUV	119.1460, -10.9180, 95.4650
Hunter-Lab	46.3587, 58.3350, 15.1265

Details

The Yxy color **21.4913, 0.5083, 0.3016** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **60.8423, 0.2452, 0.3689**, and the grayscale version is **18.5122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2883, 0.4338, 0.3078**, and **8.3460, 0.5717, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **18.9418, 0.5503, 0.3036**, and if you desaturate by 10%, it is **25.1969, 0.4665, 0.3025**.

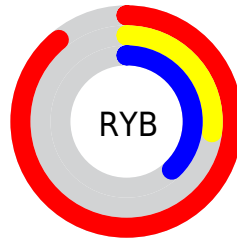
Distribution



Red (89%)

Green (27%)

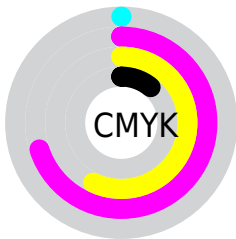
Blue (38%)



Red (89%)

Yellow (27%)

Blue (38%)

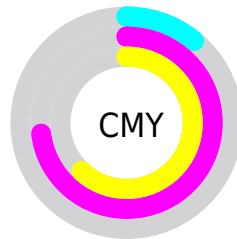


Cyan (0%)

Magenta (70%)

Yellow (57%)

Black (11%)



Cyan (11%)


Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.4913, 0.5083, 0.3016 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 21.4913, 0.5083, 0.3016 by changing the saturation by 10% instead.


 21.4913, 0.5083,
0.3016


 21.4913, 0.5083,
0.3016


259.8781, 0.3982,
0.3221


 13.4836, 0.5394,
0.2936


 45.9038, 0.4655,
0.3110


 7.7624, 0.5811,
0.2812


 63.0773, 0.4502,
0.3139


 3.9433, 0.6385,
0.2611

 84.0750, 0.4376,
0.3162

 1.6419, 0.7361,
0.2314

 109.2811, 0.4271,
0.3179

 0.3856, 0.8623,
0.1377

 139.0800, 0.4183,
0.3193

 0.0000, 1.0000,
0.0000

173.8563, 0.4106,

 0.0000, 0.0000,

0.3204

0.0000

213.9941, 0.4040,
0.3213

■ 21.4913, 0.5083,
0.3016

■ 21.4913, 0.5083,
0.3016

■ 18.9418, 0.5503,
0.3036

■ 25.1969, 0.4665,
0.3025

■ 17.4066, 0.5874,
0.3089


■ 30.1713, 0.4284,
0.3056

■ 16.6568, 0.6149,
0.3161


■ 36.5180, 0.3955,
0.3099

■ 44.3285, 0.3681,
0.3147

■ 53.6867, 0.3457,
0.3196

 64.6699, 0.3276,
0.3244

 77.3504, 0.3129,
0.3289

 91.7961, 0.3011,
0.3331

 95.2345, 0.2964,
0.3290

Harmonies

Analogous

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



21.4913, 0.4034, 0.2363



21.4913, 0.5083, 0.3016



21.4913, 0.5402, 0.3748

Triad

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



21.4913, 0.5083, 0.3016



21.4913, 0.3052, 0.5473



21.4913, 0.1419, 0.1728

Complementary

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



21.4913, 0.5083, 0.3016



60.8423, 0.2452, 0.3689

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.



21.4913, 0.1268, 0.2164



21.4913, 0.5083, 0.3016



21.4913, 0.2082, 0.4537

Square

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



21.4913, 0.5083, 0.3016



21.4913, 0.4092, 0.5294



21.4913, 0.1464, 0.3128



21.4913, 0.1915, 0.1661

Rectangle

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



21.4913, 0.5083, 0.3016



21.4913, 0.5178, 0.4275



21.4913, 0.1464, 0.3128



21.4913, 0.1333, 0.1825

Sweetspot

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



21.4925, 0.5083, 0.3016



67.9541, 0.3476, 0.3192



21.8338, 0.2888, 0.1595



13.7954, 0.3535, 0.3178



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.



21.4925, 0.5083, 0.3016



23.4054, 0.5673, 0.3055



30.0278, 0.5025, 0.3810



14.4104, 0.3264, 0.3248



9.6304, 0.6118, 0.3144



0.7241, 0.5731, 0.2931

Inverse Universe

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



21.4925, 0.5083, 0.3016



23.4054, 0.5673, 0.3055



38.4088, 0.2149, 0.2566



14.4104, 0.3264, 0.3248



9.6304, 0.6118, 0.3144



0.7241, 0.5731, 0.2931

Previews

White Background



This preview shows how the Yxy color 21.4913, 0.5083, 0.3016 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 21.4913, 0.5083, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

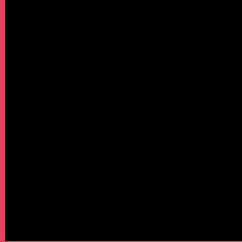
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.4913, 0.5083, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 21.4913, 0.5083, 0.3016.



This preview shows how white text looks on a background with the Yxy color 21.4913, 0.5083, 0.3016.

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

21.4913, 0.5083, 0.3016

Protanopia

21.7443, 0.3196, 0.3344

Deuteranopia

21.6595, 0.3922, 0.3857



Tritanopia

21.4874, 0.5356, 0.3260

Trichromacy



Original Color

21.4913, 0.5083, 0.3016

Protanomaly

19.6529, 0.3843, 0.3151

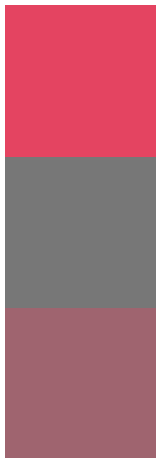
Deuteranomaly

20.1765, 0.4380, 0.3452

Tritanomaly

21.4775, 0.5251, 0.3174

Monochromacy



Original Color

21.4913, 0.5083, 0.3016

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.6330, 0.3835, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4913, 0.5083, 0.3016 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(228, 68, 97)` looks like.

```
.text, #text, p{  
    color:rgb(228, 68, 97)  
}
```

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(228, 68, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 68, 97) }
```

Border

The CSS property to change the border of an element to Yxy 21.4913, 0.5083, 0.3016 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(228, 68, 97) }
```

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

```
.border{ border-color:rgb(228, 68, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 68, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 68, 97); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 68, 97); box-shadow:4px 4px 4px 4px rgb(228, 68, 97) }
```


Background

The CSS property to change the background color of an element to Yxy 21.4913, 0.5083, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 68, 97) }
```

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

```
.background{ background-color: rgb(228, 68,  
97) }
```

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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