

Converting Colors

$Y_{xy}(28.8895, 0.4751, 0.3179)$

Have a look what the booklet for
Yxy(28.8895, 0.4751, 0.3179)
contains.

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Color

Yxy(28.8503, 0.4751, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	EF6571
RGB	239, 101, 113
RGB Percent	94%, 40%, 44%
CMY	0.0628, 0.6038, 0.5570
CMYK	0.00, 0.58, 0.53, 0.06
HSL	355°, 81%, 67%
HSV	355°, 58%, 94%
XYZ	43.2254, 28.8503, 18.9060
YIQ	143.6300, 78.3960, 32.9880

Conversions

Conversions Part 2

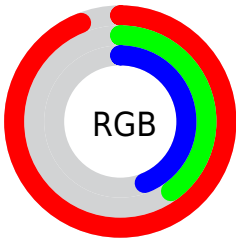
Format	Color
R _Y B	239, 101, 113
Decimal	15689073
CIE Lab	60.65, 54.12, 20.58
CIE LCh	61, 57.901, 20.816
Yxy	28.8503, 0.4751, 0.3171
Android (android.graphics.Color)	4293879153 (0xFFEF6571)
YUV	143.6300, -15.1006, 83.6395
Hunter-Lab	53.7125, 49.6520, 16.7295

Details

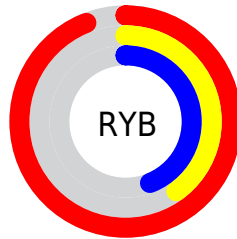
The Yxy color **28.8503, 0.4751, 0.3171** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **70.0386, 0.2459, 0.3438**, and the grayscale version is **27.7743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7535, 0.4013, 0.3198**, and **11.6480, 0.5313, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **24.4312, 0.5207, 0.3168**, and if you desaturate by 10%, it is **34.7396, 0.4334, 0.3185**.

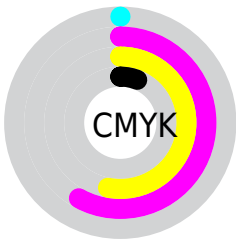
Distribution



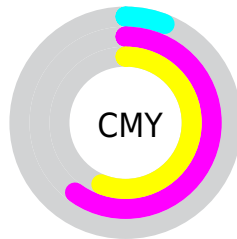
- Red (94%)
- Green (40%)
- Blue (44%)



- Red (94%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (58%)
- Yellow (53%)
- Black (6%)





- Cyan (6%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8503, 0.4751, 0.3171 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 28.8503, 0.4751, 0.3171 by changing the saturation by 10% instead.


 28.8503, 0.4751,
0.3171


 28.8503, 0.4751,
0.3171


296.5080, 0.3871,
0.3275

 18.9676, 0.4989,
0.3127


 57.8392, 0.4417,
0.3221


 11.6469, 0.5302,
0.3060


 77.7141, 0.4295,
0.3236

 6.5037, 0.5729,
0.2948


 101.6886, 0.4195,
0.3248

 3.1537, 0.6330,
0.2752

 130.1470, 0.4109,
0.3256

 1.2125, 0.7516,
0.2484

163.4738, 0.4037,
0.3263

 0.0719, 0.9548,
0.0452

202.0533, 0.3974,

 0.0000, 1.0000,

0.3268

0.0000

246.2699, 0.3919,
0.3272

 0.0000, 0.0000,
0.0000

 28.8503, 0.4751,
0.3171


 28.8503, 0.4751,
0.3171


 24.4312, 0.5207,
0.3168

 34.7396, 0.4334,
0.3185

 21.3485, 0.5656,
0.3181


 42.2083, 0.3976,
0.3205

 19.4519, 0.6035,
0.3211


 51.3609, 0.3681,
0.3228

 18.5386, 0.6284,
0.3251

 62.2912, 0.3441,
0.3251

 18.4006, 0.6324,
0.3257

 75.0864, 0.3249,
0.3274

 89.8279, 0.3095,
0.3295

 97.0876, 0.3029,
0.3290

Harmonies

Analogous

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



28.8503, 0.3966, 0.2586



28.8503, 0.4751, 0.3171



28.8503, 0.4979, 0.3823

Triad

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



28.8503, 0.4751, 0.3171



28.8503, 0.3029, 0.4938



28.8503, 0.1720, 0.1971

Complementary

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



28.8503, 0.4751, 0.3171



70.0386, 0.2459, 0.3438

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.



28.8503, 0.1560, 0.2333



28.8503, 0.4751, 0.3171



28.8503, 0.2227, 0.4143

Square

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



28.8503, 0.4751, 0.3171



28.8503, 0.3903, 0.4980



28.8503, 0.1717, 0.3090



28.8503, 0.2196, 0.1927

Rectangle

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



28.8503, 0.4751, 0.3171



28.8503, 0.4797, 0.4267



28.8503, 0.1717, 0.3090



28.8503, 0.1633, 0.2052

Sweetspot

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



28.8519, 0.4751, 0.3171



73.0993, 0.3427, 0.3253



31.5810, 0.3057, 0.1880



15.0570, 0.3471, 0.3248



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.



28.8519, 0.4751, 0.3171



27.6726, 0.5277, 0.3169



43.1348, 0.4492, 0.3885



15.7811, 0.3280, 0.3270



10.1781, 0.6304, 0.3246



0.8543, 0.6083, 0.3124

Inverse Universe

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



28.8519, 0.4751, 0.3171



27.6726, 0.5277, 0.3169



43.1971, 0.2248, 0.2553



15.7811, 0.3280, 0.3270



10.1781, 0.6304, 0.3246



0.8543, 0.6083, 0.3124

Previews

White Background



This preview shows how the Yxy color 28.8503, 0.4751, 0.3171 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 28.8503, 0.4751, 0.3171 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 28.8503, 0.4751, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 28.8503, 0.4751, 0.3171.



This preview shows how white text looks on a background with the Yxy color 28.8503, 0.4751, 0.3171.

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

28.8503, 0.4751, 0.3171

Protanopia

28.9824, 0.3300, 0.3465

Deuteranopia

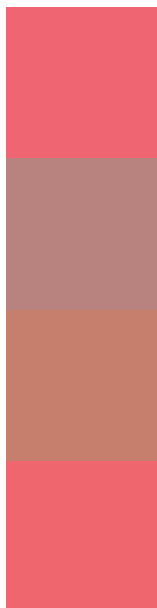
29.1100, 0.3863, 0.3795



Tritanopia

28.9576, 0.4798, 0.3223

Trichromacy



Original Color

28.8503, 0.4751, 0.3171

Protanomaly

27.6879, 0.3804, 0.3335

Deuteranomaly

28.0316, 0.4207, 0.3519

Tritanomaly

28.9793, 0.4785, 0.3212

Monochromacy



Original Color

28.8503, 0.4751, 0.3171

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.7155, 0.3680, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8503, 0.4751, 0.3171 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(239, 101, 113)` looks like.

```
.text, #text, p{  
    color:rgb(239, 101, 113)  
}
```

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(239, 101, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 101, 113) }
```

Border

The CSS property to change the border of an element to Yxy 28.8503, 0.4751, 0.3171 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(239, 101, 113) }
```

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

```
.border{ border-color:rgb(239, 101, 113) }
```

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

Here you see how a box with a 4 pixel rgb(239, 101, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 101, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 101, 113);  
box-shadow:4px 4px 4px 4px rgb(239, 101,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8503, 0.4751, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 101, 113) }
```

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

```
.background{ background-color: rgb(239,  
101, 113) }
```

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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