

Converting Colors

$Yxy(28.8231, 0.4764, 0.3204)$

Have a look what the booklet for
Yxy(28.8231, 0.4764, 0.3204)
contains.

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Color

Yxy(28.8276, 0.4762, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	EE666F
RGB	238, 102, 111
RGB Percent	93%, 40%, 44%
CMY	0.0666, 0.6000, 0.5647
CMYK	0.00, 0.57, 0.53, 0.07
HSL	356°, 80%, 67%
HSV	356°, 57%, 93%
XYZ	42.8857, 28.8276, 18.3448
YIQ	143.6900, 78.1670, 31.6310

Conversions

Conversions Part 2

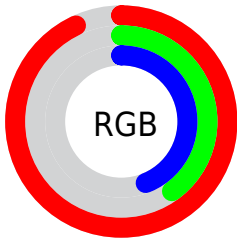
Format	Color
R_{YB}	238, 102, 111
Decimal	15623791
CIE _{Lab}	60.63, 53.20, 21.66
CIE _{LCh}	61, 57.438, 22.151
Yxy	28.8276, 0.4762, 0.3201
Android (android.graphics.Color)	4293813871 (0xFFEE666F)
YUV	143.6900, -16.1162, 82.7099
Hunter-Lab	53.6913, 48.6161, 17.3262

Details

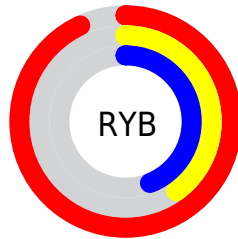
The Yxy color **28.8276, 0.4762, 0.3201** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **69.6416, 0.2452, 0.3401**, and the grayscale version is **27.8009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.0183, 0.4029, 0.3229**, and **11.6713, 0.5307, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **24.3737, 0.5224, 0.3199**, and if you desaturate by 10%, it is **34.7490, 0.4339, 0.3211**.

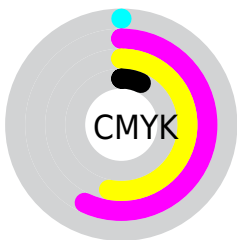
Distribution



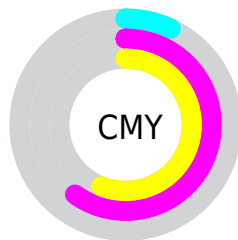
- Red (93%)
- Green (40%)
- Blue (44%)



- Red (93%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (57%)
- Yellow (53%)
- Black (7%)




- Cyan (7%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8276, 0.4762, 0.3201 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 28.8276, 0.4762, 0.3201 by changing the saturation by 10% instead.


 28.8276, 0.4762,
0.3201


 28.8276, 0.4762,
0.3201


296.4007, 0.3876,
0.3291


 18.9504, 0.5001,
0.3160


 57.8031, 0.4426,
0.3247


 11.6345, 0.5316,
0.3096

 77.6702, 0.4303,
0.3260

 6.4953, 0.5744,
0.2988


 101.6360, 0.4202,
0.3269

 3.1485, 0.6344,
0.2793

 130.0850, 0.4116,
0.3276

 1.2098, 0.7487,
0.2513

163.4016, 0.4043,
0.3282

 0.0697, 0.9551,
0.0449

201.9702, 0.3980,

 0.0000, 1.0000,

0.3286


0.0000

246.1750, 0.3925,
0.3289


 0.0000, 0.0000,
0.0000


 28.8276, 0.4762,
0.3201


 28.8276, 0.4762,
0.3201

 24.3737, 0.5224,
0.3199


 34.7490, 0.4339,
0.3211


 21.2549, 0.5679,
0.3210


 42.2458, 0.3976,
0.3227


 19.3232, 0.6058,
0.3233

 51.4212, 0.3677,
0.3244

 18.3860, 0.6301,
0.3265

 62.3686, 0.3435,
0.3262

 18.2172, 0.6347,
0.3270

 75.1741, 0.3242,
0.3279

■ 89.9185, 0.3086,
0.3294

■ 96.9204, 0.3023,
0.3290

Harmonies

Analogous

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



28.8276, 0.4002, 0.2614



28.8276, 0.4762, 0.3201



28.8276, 0.4961, 0.3851

Triad

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



28.8276, 0.4762, 0.3201



28.8276, 0.2992, 0.4903



28.8276, 0.1743, 0.1971

Complementary

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



28.8276, 0.4762, 0.3201



69.6416, 0.2452, 0.3401

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.



28.8276, 0.1570, 0.2317



28.8276, 0.4762, 0.3201



28.8276, 0.2204, 0.4090

Square

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



28.8276, 0.4762, 0.3201



28.8276, 0.3863, 0.4981



28.8276, 0.1712, 0.3051



28.8276, 0.2231, 0.1940

Rectangle

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



28.8276, 0.4762, 0.3201



28.8276, 0.4767, 0.4292



28.8276, 0.1712, 0.3051



28.8276, 0.1651, 0.2048

Sweetspot

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



28.8292, 0.4762, 0.3201



73.0540, 0.3433, 0.3262



32.3249, 0.3102, 0.1911



15.0465, 0.3478, 0.3258



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.



28.8292, 0.4762, 0.3201



27.6096, 0.5322, 0.3200



44.6070, 0.4439, 0.3929



15.7758, 0.3283, 0.3275



10.1680, 0.6330, 0.3261



0.8518, 0.6154, 0.3164

Inverse Universe

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



28.8292, 0.4762, 0.3201



27.6096, 0.5322, 0.3200



41.2680, 0.2242, 0.2498



15.7758, 0.3283, 0.3275



10.1680, 0.6330, 0.3261



0.8518, 0.6154, 0.3164

Previews

White Background



This preview shows how the Yxy color 28.8276, 0.4762, 0.3201 looks on a white background.

Color Contrast Check

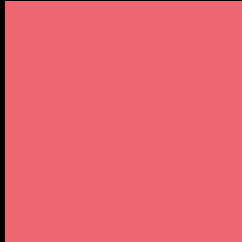
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8276, 0.4762, 0.3201 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 28.8276, 0.4762, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 28.8276, 0.4762, 0.3201.



This preview shows how white text looks on a background with the Yxy color 28.8276, 0.4762, 0.3201.

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

28.8276, 0.4762, 0.3201

Protanopia

28.9960, 0.3341, 0.3513

Deuteranopia

28.7748, 0.3890, 0.3810



Tritanopia

28.7840, 0.4788, 0.3222

Trichromacy



Original Color

28.8276, 0.4762, 0.3201

Protanomaly

27.6108, 0.3840, 0.3378

Deuteranomaly

27.8536, 0.4220, 0.3547

Tritanomaly

28.8057, 0.4775, 0.3212

Monochromacy



Original Color

28.8276, 0.4762, 0.3201

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8314, 0.3677, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8276, 0.4762, 0.3201 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(238, 102, 111)` looks like.

```
.text, #text, p{  
    color:rgb(238, 102, 111)  
}
```

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(238, 102, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 102, 111) }
```

Border

The CSS property to change the border of an element to Yxy 28.8276, 0.4762, 0.3201 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(238, 102, 111) }
```

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

```
.border{ border-color:rgb(238, 102, 111) }
```

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

Here you see how a box with a 4 pixel rgb(238, 102, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 102, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 102, 111);  
box-shadow:4px 4px 4px 4px rgb(238, 102,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8276, 0.4762, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 102, 111) }
```

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

```
.background{ background-color: rgb(238,  
102, 111) }
```

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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