

Converting Colors

$Yxy(46.3029, 0.3876, 0.3261)$

Have a look what the booklet for
Yxy(46.3029, 0.3876, 0.3261)
contains.

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Color

Yxy(46.3112, 0.3878, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	F0A0A3
RGB	240, 160, 163
RGB Percent	94%, 63%, 64%
CMY	0.0590, 0.3725, 0.3608
CMYK	0.00, 0.33, 0.32, 0.06
HSL	358°, 73%, 78%
HSV	358°, 33%, 94%
XYZ	55.1073, 46.3112, 40.6839
YIQ	184.2620, 46.7170, 17.8930

Conversions

Conversions Part 2

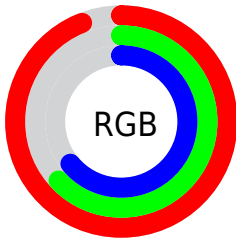
Format	Color
R _Y B	240, 160, 163
Decimal	15769763
CIE Lab	73.75, 30.09, 10.68
CIE LCh	74, 31.928, 19.552
Yxy	46.3112, 0.3878, 0.3259
Android (android.graphics.Color)	4293959843 (0xFFFF0A0A3)
YUV	184.2620, -10.4822, 48.8822
Hunter-Lab	68.0523, 25.4540, 12.1911

Details

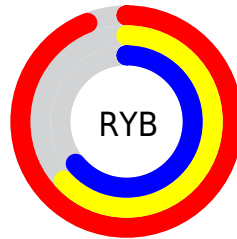
The Yxy color **46.3112, 0.3878, 0.3259** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.8883, 0.2668, 0.3323**, and the grayscale version is **48.1261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9228, 0.3403, 0.3261**, and **21.8179, 0.4099, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **38.0256, 0.4228, 0.3250**, and if you desaturate by 10%, it is **56.3582, 0.3592, 0.3269**.

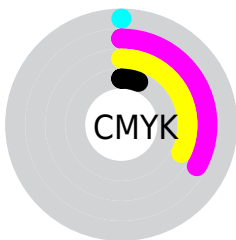
Distribution



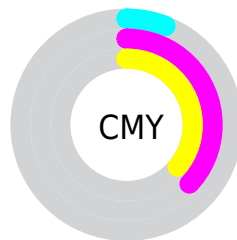
- Red (94%)
- Green (63%)
- Blue (64%)



- Red (94%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (33%)
- Yellow (32%)
- Black (6%)





- Cyan (6%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3112, 0.3878, 0.3259 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 46.3112, 0.3878, 0.3259 by changing the saturation by 10% instead.

 46.3112, 0.3878,
0.3259


 46.3112, 0.3878,
0.3259


372.0584, 0.3499,
0.3283

 32.4915, 0.3973,
0.3250

 84.6845, 0.3739,
0.3270

 21.7372, 0.4096,
0.3237


 110.0069, 0.3688,
0.3273

 13.6639, 0.4260,
0.3218


139.9324, 0.3644,
0.3276

 7.8873, 0.4489,
0.3185

174.8452, 0.3606,
0.3278

 4.0229, 0.4827,
0.3126

215.1298, 0.3574,
0.3280

 1.6864, 0.5374,
0.3004

261.1706, 0.3546,

 0.4148, 0.7370,

0.3281

0.2630

313.3520, 0.3521,
0.3282

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.3112, 0.3878,
0.3259

46.3112, 0.3878,
0.3259

38.0256, 0.4228,
0.3250

56.3582, 0.3592,
0.3269

31.3938, 0.4642,
0.3244

68.2528, 0.3363,
0.3278

26.3068, 0.5105,
0.3242

82.0837, 0.3179,
0.3287

22.6397, 0.5576,
0.3247

97.2588, 0.3035,
0.3290

■ 20.2485, 0.5987,
0.3258

■ 18.9583, 0.6269,
0.3276

■ 18.5384, 0.6372,
0.3284

Harmonies

Analogous

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



46.3112, 0.3515, 0.2927



46.3112, 0.3878, 0.3259



46.3112, 0.4022, 0.3618

Triad

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



46.3112, 0.3878, 0.3259



46.3112, 0.3142, 0.4016



46.3112, 0.2388, 0.2629

Complementary

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



46.3112, 0.3878, 0.3259



75.8883, 0.2668, 0.3323

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.



46.3112, 0.2307, 0.2863



46.3112, 0.3878, 0.3259



46.3112, 0.2722, 0.3692

Square

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



46.3112, 0.3878, 0.3259



46.3112, 0.3577, 0.4093



46.3112, 0.2424, 0.3251



46.3112, 0.2654, 0.2573

Rectangle

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



46.3112, 0.3878, 0.3259



46.3112, 0.3971, 0.3836



46.3112, 0.2424, 0.3251



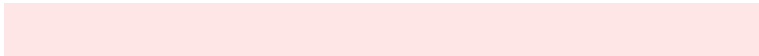
46.3112, 0.2340, 0.2688

Sweetspot

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



46.3134, 0.3878, 0.3259



83.3141, 0.3298, 0.3281



49.2665, 0.3132, 0.2454



17.3701, 0.3325, 0.3280



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.



46.3134, 0.3878, 0.3259



46.4698, 0.4109, 0.3253



60.5363, 0.3776, 0.3686



15.7684, 0.3288, 0.3282



10.1560, 0.6361, 0.3278



0.8482, 0.6259, 0.3222

Inverse Universe

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



46.3134, 0.3878, 0.3259



46.4698, 0.4109, 0.3253



56.9467, 0.2598, 0.2855



15.7684, 0.3288, 0.3282



10.1560, 0.6361, 0.3278



0.8482, 0.6259, 0.3222

Previews

White Background



This preview shows how the Yxy color 46.3112, 0.3878, 0.3259 looks on a white background.

Color Contrast Check

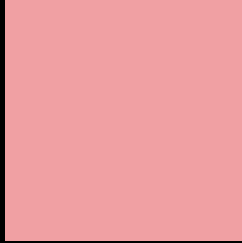
Large Text (above 18pt) WCAG AA × Fail

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 46.3112, 0.3878, 0.3259 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 ✓ Pass

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

Yxy 46.3112, 0.3878, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 46.3112, 0.3878, 0.3259.



This preview shows how white text looks on a background with the Yxy color 46.3112, 0.3878, 0.3259.

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

46.3112, 0.3878, 0.3259

Protanopia

46.6685, 0.3235, 0.3381

Deuteranopia

46.4634, 0.3548, 0.3478



Tritanopia

46.4373, 0.3811, 0.3159

Trichromacy



Original Color

46.3112, 0.3878, 0.3259

Protanomaly

45.9112, 0.3454, 0.3328

Deuteranomaly

46.3827, 0.3666, 0.3400

Tritanomaly

46.3242, 0.3841, 0.3192

Monochromacy



Original Color

46.3112, 0.3878, 0.3259

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.6319, 0.3379, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3112, 0.3878, 0.3259 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(240, 160, 163)` looks like.

```
.text, #text, p{  
    color:rgb(240, 160, 163)  
}
```

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(240, 160, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 160, 163) }
```

Border

The CSS property to change the border of an element to Yxy 46.3112, 0.3878, 0.3259 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(240, 160, 163) }
```

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

```
.border{ border-color:rgb(240, 160, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 160, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 160, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 160, 163);  
box-shadow:4px 4px 4px 4px rgb(240, 160,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3112, 0.3878, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 160, 163) }
```

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

```
.background{ background-color: rgb(240,  
160, 163) }
```

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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