

Converting Colors

$Y_{xy}(18.0273, 0.4084, 0.3042)$

Have a look what the booklet for
Yxy(18.0273, 0.4084, 0.3042)
contains.

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Color

Yxy(18.1299, 0.4088, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	AE5E6E
RGB	174, 94, 110
RGB Percent	68%, 37%, 43%
CMY	0.3176, 0.6314, 0.5685
CMYK	0.00, 0.46, 0.37, 0.32
HSL	348°, 33%, 53%
HSV	348°, 46%, 68%
XYZ	24.2761, 18.1299, 16.9779
YIQ	119.7440, 42.5440, 21.9360

Conversions

Conversions Part 2

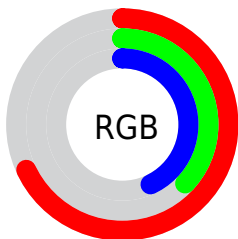
Format	Color
R_{YB}	174, 94, 110
Decimal	11427438
CIE Lab	49.65, 34.25, 5.55
CIE LCh	50, 34.695, 9.201
Yxy	18.1299, 0.4088, 0.3053
Android (android.graphics.Color)	4289617518 (0xFFAE5E6E)
YUV	119.7440, -4.8038, 47.5825
Hunter-Lab	42.5792, 27.2564, 6.1644

Details

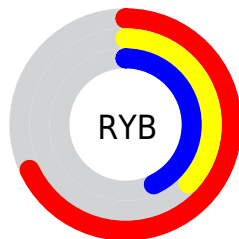
The Yxy color **18.1299, 0.4088, 0.3053** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.1253, 0.2624, 0.3555**, and the grayscale version is **18.7024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2868, 0.3871, 0.3120**, and **6.1576, 0.4498, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **15.0976, 0.4428, 0.3011**, and if you desaturate by 10%, it is **21.9092, 0.3799, 0.3104**.

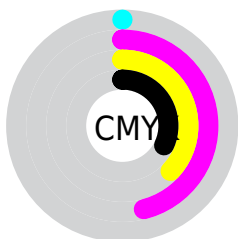
Distribution



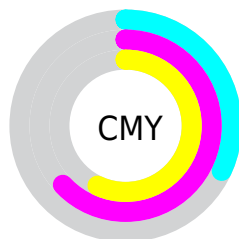
- Red (68%)
- Green (37%)
- Blue (43%)



- Red (68%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (46%)
- Yellow (37%)
- Black (32%)





- Cyan (32%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1299, 0.4088, 0.3053 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 18.1299, 0.4088, 0.3053 by changing the saturation by 10% instead.


 18.1299, 0.4088,
0.3053


 18.1299, 0.4088,
0.3053


241.6022, 0.3530,
0.3199


 11.0433, 0.4261,
0.3004


 40.2585, 0.3863,
0.3114


 6.0960, 0.4507,
0.2930

 56.0694, 0.3785,
0.3135

 2.9035, 0.4885,
0.2811

 75.5571, 0.3722,
0.3151

 1.0816, 0.5543,
0.2596

 99.1060, 0.3671,
0.3164

 0.0000, 1.0000,
0.0000

127.1006, 0.3627,
0.3175

 0.0000, 0.0000,
0.0000

159.9252, 0.3590,

0.3184

197.9643, 0.3558,
0.3192

■ 18.1299, 0.4088,
0.3053

■ 18.1299, 0.4088,
0.3053

■ 15.0976, 0.4428,
0.3011

■ 21.9092, 0.3799,
0.3104

■ 12.7600, 0.4813,
0.2987

■ 26.4779, 0.3560,
0.3157

■ 11.0621, 0.5221,
0.2988


■ 31.8785, 0.3365,
0.3211


■ 9.9394, 0.5616,
0.3022

■ 38.1496, 0.3207,
0.3261


■ 9.3083, 0.5949,
0.3089

■ 45.3274, 0.3079,
0.3309

 9.1209, 0.6065,
0.3115

 53.4459, 0.2975,
0.3352

 62.5376, 0.2890,
0.3392

 72.6333, 0.2820,
0.3428

 83.7625, 0.2762,
0.3460

Harmonies

Analogous

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



18.1299, 0.3463, 0.2631



18.1299, 0.4088, 0.3053



18.1299, 0.4427, 0.3548

Triad

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



18.1299, 0.4088, 0.3053



18.1299, 0.3348, 0.4487



18.1299, 0.2004, 0.2410

Complementary

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



18.1299, 0.4088, 0.3053



35.1253, 0.2624, 0.3555

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.



18.1299, 0.1981, 0.2812



18.1299, 0.4088, 0.3053



18.1299, 0.2714, 0.4115

Square

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



18.1299, 0.4088, 0.3053



18.1299, 0.3954, 0.4415



18.1299, 0.2224, 0.3445



18.1299, 0.2283, 0.2266

Rectangle

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



18.1299, 0.4088, 0.3053



18.1299, 0.4429, 0.3882



18.1299, 0.2224, 0.3445



18.1299, 0.1967, 0.2514

Sweetspot

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



18.1308, 0.4088, 0.3053



59.6749, 0.3335, 0.3220



18.1964, 0.2967, 0.2118



12.7598, 0.3372, 0.3209



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.1308, 0.4088, 0.3053



27.3863, 0.4428, 0.3011



22.4533, 0.4174, 0.3632



8.0406, 0.3256, 0.3245



6.6212, 0.6040, 0.3101



0.1916, 0.5255, 0.2669

Inverse Universe

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



18.1308, 0.4088, 0.3053



27.3863, 0.4428, 0.3011



27.6793, 0.2455, 0.2907



8.0406, 0.3256, 0.3245



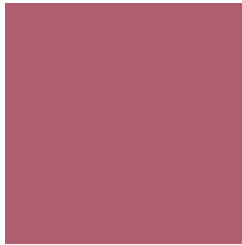
6.6212, 0.6040, 0.3101



0.1916, 0.5255, 0.2669

Previews

White Background



This preview shows how the Yxy color 18.1299, 0.4088, 0.3053 looks on a white background.

Color Contrast Check

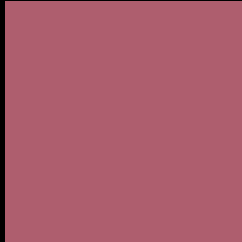
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 18.1299, 0.4088, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

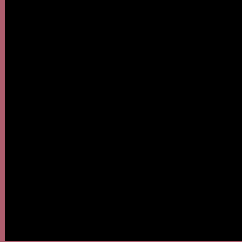
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1299, 0.4088, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 18.1299, 0.4088, 0.3053.



This preview shows how white text looks on a background with the Yxy color 18.1299, 0.4088, 0.3053.

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

18.1299, 0.4088, 0.3053

Protanopia

18.3089, 0.3082, 0.3195

Deuteranopia

18.1645, 0.3484, 0.3420



Tritanopia

18.0280, 0.4195, 0.3188

Trichromacy



Original Color

18.1299, 0.4088, 0.3053

Protanomaly

17.7343, 0.3421, 0.3130

Deuteranomaly

17.9877, 0.3706, 0.3274

Tritanomaly

18.0886, 0.4148, 0.3142

Monochromacy



Original Color

18.1299, 0.4088, 0.3053

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.2053, 0.3456, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1299, 0.4088, 0.3053 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(174, 94, 110)` looks like.

```
.text, #text, p{  
    color:rgb(174, 94, 110)  
}
```

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(174, 94, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 94, 110) }
```

Border

The CSS property to change the border of an element to Yxy 18.1299, 0.4088, 0.3053 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(174, 94, 110) }
```

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

```
.border{ border-color:rgb(174, 94, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 94, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 94, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 94, 110);  
box-shadow:4px 4px 4px 4px rgb(174, 94,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1299, 0.4088, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 94, 110) }
```

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

```
.background{ background-color: rgb(174, 94,  
110) }
```

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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