

Converting Colors

$Y_{xy}(16.9359, 0.3339, 0.3037)$

Have a look what the booklet for
Yxy(16.9359, 0.3339, 0.3037)
contains.

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Color

Yxy(17.0224, 0.3344, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	876B78
RGB	135, 107, 120
RGB Percent	53%, 42%, 47%
CMY	0.4706, 0.5804, 0.5294
CMYK	0.00, 0.21, 0.11, 0.47
HSL	332°, 12%, 47%
HSV	332°, 21%, 53%
XYZ	18.6388, 17.0224, 20.0768
YIQ	116.8540, 12.5150, 9.9790

Conversions

Conversions Part 2

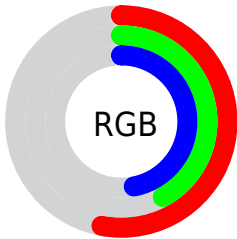
Format	Color
R_{YB}	135, 107, 120
Decimal	8874872
CIE Lab	48.29, 13.38, -2.99
CIE LCh	48, 13.715, 347.395
Yxy	17.0224, 0.3344, 0.3054
Android (android.graphics.Color)	4287064952 (0xFF876B78)
YUV	116.8540, 1.5510, 15.9140
Hunter-Lab	41.2582, 8.4373, 0.0294

Details

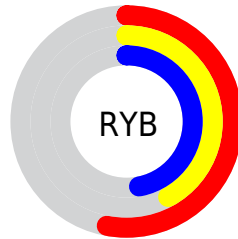
The Yxy color **17.0224, 0.3344, 0.3054** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8557, 0.2953, 0.3539**, and the grayscale version is **17.7342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2511, 0.3301, 0.3105**, and **5.5271, 0.3435, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **14.2556, 0.3481, 0.2934**, and if you desaturate by 10%, it is **20.2434, 0.3229, 0.3171**.

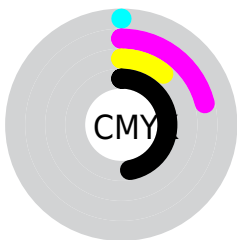
Distribution



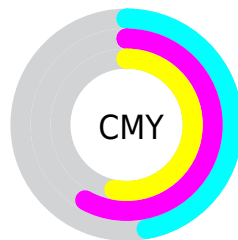
- Red (53%)
- Green (42%)
- Blue (47%)



- Red (53%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (47%)





- Cyan (47%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0224, 0.3344, 0.3054 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 17.0224, 0.3344, 0.3054 by changing the saturation by 10% instead.


 17.0224, 0.3344,
0.3054


 17.0224, 0.3344,
0.3054


235.3014, 0.3219,
0.3190


 10.2505, 0.3383,
0.3012


 38.3643, 0.3293,
0.3109


 5.5653, 0.3439,
0.2953


 53.7030, 0.3276,
0.3127

 2.5826, 0.3527,
0.2861

 72.6661, 0.3262,
0.3143

 0.9179, 0.3682,
0.2701

 95.6381, 0.3250,
0.3155

 0.0000, 0.9805,
0.0000

123.0031, 0.3240,
0.3166

 0.0000, 0.0000,
0.0000

155.1458, 0.3232,

0.3175

192.4504, 0.3225,
0.3183

■ 17.0224, 0.3344,
0.3054

■ 17.0224, 0.3344,
0.3054

■ 14.2556, 0.3481,
0.2934

■ 20.2434, 0.3229,
0.3171

■ 11.9202, 0.3644,
0.2814

■ 23.9355, 0.3133,
0.3282

■ 9.9946, 0.3834,
0.2701

■ 28.1179, 0.3054,
0.3386

■ 8.4546, 0.4051,
0.2603

■ 32.8075, 0.2988,
0.3483

■ 7.2733, 0.4292,
0.2532

■ 38.0209, 0.2934,
0.3571

■ 6.4205, 0.4549,
0.2499

■ 43.7736, 0.2889,
0.3653

■ 5.8608, 0.4810,
0.2513

■ 50.0806, 0.2851,
0.3728

■ 5.5061, 0.5051,
0.2556

■ 56.9562, 0.2820,
0.3796

■ 64.4145, 0.2793,
0.3859

Harmonies

Analogous

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



17.0224, 0.3072, 0.2903



17.0224, 0.3344, 0.3054



17.0224, 0.3563, 0.3264

Triad

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



17.0224, 0.3344, 0.3054



17.0224, 0.3422, 0.3765



17.0224, 0.2622, 0.3056

Complementary

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



17.0224, 0.3344, 0.3054



21.8557, 0.2953, 0.3539

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.



17.0224, 0.2707, 0.3294



17.0224, 0.3344, 0.3054



17.0224, 0.3164, 0.3720

Square

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



17.0224, 0.3344, 0.3054



17.0224, 0.3607, 0.3674



17.0224, 0.2903, 0.3543



17.0224, 0.2664, 0.2896

Rectangle

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



17.0224, 0.3344, 0.3054



17.0224, 0.3644, 0.3415



17.0224, 0.2903, 0.3543



17.0224, 0.2637, 0.3129

Sweetspot

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



17.0232, 0.3344, 0.3054



39.1902, 0.3183, 0.3223



16.3982, 0.2981, 0.2770



8.9935, 0.3188, 0.3217



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



17.0232, 0.3344, 0.3054



27.9971, 0.3407, 0.2996



16.9240, 0.3519, 0.3308



4.7221, 0.3212, 0.3189



5.0808, 0.5043, 0.2552



0.0191, 0.4123, 0.2045

Inverse Universe

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



17.0232, 0.3344, 0.3054



27.9971, 0.3407, 0.2996



21.9409, 0.2829, 0.3272



4.7221, 0.3212, 0.3189



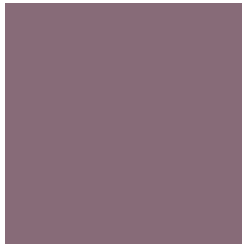
5.0808, 0.5043, 0.2552



0.0191, 0.4123, 0.2045

Previews

White Background



This preview shows how the Yxy color 17.0224, 0.3344, 0.3054 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 17.0224, 0.3344, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

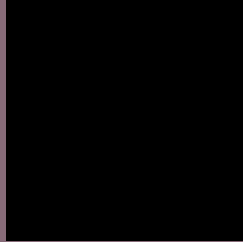
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0224, 0.3344, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 17.0224, 0.3344, 0.3054.



This preview shows how white text looks on a background with the Yxy color 17.0224, 0.3344, 0.3054.

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

17.0224, 0.3344, 0.3054

Protanopia

17.0673, 0.3009, 0.3095

Deuteranopia

16.9859, 0.3201, 0.3138



Tritanopia

17.0544, 0.3382, 0.3144

Trichromacy



Original Color

17.0224, 0.3344, 0.3054

Protanomaly

16.9365, 0.3125, 0.3062

Deuteranomaly

17.0730, 0.3256, 0.3122

Tritanomaly

17.0778, 0.3368, 0.3126

Monochromacy



Original Color

17.0224, 0.3344, 0.3054

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.4033, 0.3211, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0224, 0.3344, 0.3054 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(135, 107, 120)` looks like.

```
.text, #text, p{  
    color:rgb(135, 107, 120)  
}
```

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(135, 107, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 107, 120) }
```

Border

The CSS property to change the border of an element to Yxy 17.0224, 0.3344, 0.3054 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(135, 107, 120) }
```

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

```
.border{ border-color:rgb(135, 107, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 107, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 107, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 107, 120);  
box-shadow:4px 4px 4px 4px rgb(135, 107,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0224, 0.3344, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 107, 120) }
```

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

```
.background{ background-color: rgb(135,  
107, 120) }
```

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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