

Converting Colors

$Y_{xy}(16.3868, 0.3280, 0.2549)$

Have a look what the booklet for
Yxy(16.3868, 0.3280, 0.2549)
contains.

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Color

Yxy(16.3738, 0.3273, 0.2547)

Conversions

Conversions Part 1

Format	Color
Hex	945F8C
RGB	148, 95, 140
RGB Percent	58%, 37%, 55%
CMY	0.4196, 0.6275, 0.4509
CMYK	0.00, 0.36, 0.05, 0.42
HSL	309°, 22%, 48%
HSV	309°, 36%, 58%
XYZ	21.0410, 16.3738, 26.8718
YIQ	115.9770, 17.1430, 25.2310

Conversions

Conversions Part 2

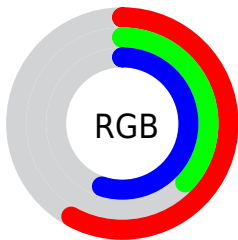
Format	Color
R_{YB}	148, 95, 140
Decimal	9723788
CIE _{Lab}	47.46, 28.93, -16.04
CIE _{LCh}	47, 33.076, 331.000
Yxy	16.3738, 0.3273, 0.2547
Android (android.graphics.Color)	4287913868 (0xFF945F8C)
YUV	115.9770, 11.8433, 28.0842
Hunter-Lab	40.4646, 22.0046, -11.0483

Details

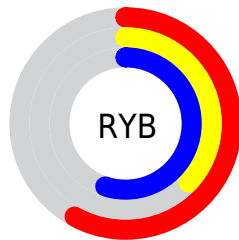
The Yxy color **16.3738, 0.3273, 0.2547** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.5939, 0.3010, 0.4169**, and the grayscale version is **17.4173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1493, 0.3243, 0.2699**, and **5.2580, 0.3309, 0.2264** is the 20% darker color. If you saturate the color by 10%, you get **13.8917, 0.3324, 0.2348**, and if you desaturate by 10%, it is **19.3653, 0.3226, 0.2756**.

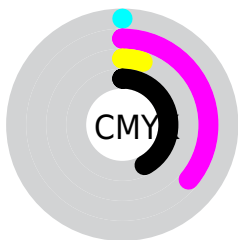
Distribution



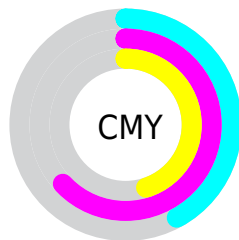
- Red (58%)
- Green (37%)
- Blue (55%)



- Red (58%)
- Yellow (37%)
- Blue (55%)



- Cyan (0%)
- Magenta (36%)
- Yellow (5%)
- Black (42%)




- Cyan (42%)
- Magenta (63%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.3738, 0.3273, 0.2547 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 16.3738, 0.3273, 0.2547 by changing the saturation by 10% instead.


 16.3738, 0.3273,
0.2547


 16.3738, 0.3273,
0.2547

231.5374, 0.3198,
0.2959


 9.7890, 0.3292,
0.2429


 37.2459, 0.3245,
0.2707


 5.2593, 0.3316,
0.2267


 52.3021, 0.3235,
0.2764

 2.4002, 0.3345,
0.2034

 70.9509, 0.3226,
0.2811

 0.8260, 0.3378,
0.1668

 93.5766, 0.3219,
0.2850

 0.0000, 0.3501,
0.0000

120.5638, 0.3212,
0.2884

 0.0000, 0.0000,
0.0000

152.2967, 0.3207,

0.2912

189.1598, 0.3202,
0.2937

■ 16.3738, 0.3273,
0.2547

■ 16.3738, 0.3273,
0.2547

■ 13.8917, 0.3324,
0.2348

■ 19.3653, 0.3226,
0.2756

■ 11.8880, 0.3379,
0.2166

■ 22.8906, 0.3184,
0.2967

■ 10.3318, 0.3435,
0.2012


■ 26.9750, 0.3147,
0.3173

■ 9.1876, 0.3492,
0.1893


■ 31.6417, 0.3114,
0.3372

■ 8.4145, 0.3547,
0.1816


■ 36.9125, 0.3086,
0.3559


 7.9543, 0.3600,
0.1780

 42.8081, 0.3062,
0.3735

 7.7958, 0.3622,
0.1769

 49.3481, 0.3041,
0.3897

 56.5516, 0.3024,
0.4045

 64.4364, 0.3009,
0.4182

Harmonies

Analogous

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



16.3738, 0.2642, 0.2319



16.3738, 0.3273, 0.2547



16.3738, 0.3925, 0.2932

Triad

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



16.3738, 0.3273, 0.2547



16.3738, 0.4081, 0.4321



16.3738, 0.2034, 0.2972

Complementary

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



16.3738, 0.3273, 0.2547



24.5939, 0.3010, 0.4169

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.



16.3738, 0.2347, 0.3634



16.3738, 0.3273, 0.2547



16.3738, 0.3520, 0.4491

Square

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



16.3738, 0.3273, 0.2547



16.3738, 0.4403, 0.3905



16.3738, 0.2884, 0.4244



16.3738, 0.1985, 0.2504

Rectangle

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



16.3738, 0.3273, 0.2547



16.3738, 0.4251, 0.3245



16.3738, 0.2884, 0.4244



16.3738, 0.2109, 0.3179

Sweetspot

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



16.3745, 0.3273, 0.2547



43.5724, 0.3166, 0.3062



13.2025, 0.2590, 0.2276



9.7500, 0.3171, 0.3037



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



16.3745, 0.3273, 0.2547



25.2980, 0.3314, 0.2386



15.6850, 0.3659, 0.2971



5.8943, 0.3159, 0.3104



6.6612, 0.3619, 0.1768



0.0848, 0.3395, 0.1644

Inverse Universe

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



16.3745, 0.3273, 0.2547



25.2980, 0.3314, 0.2386



25.2121, 0.2786, 0.3639



5.8943, 0.3159, 0.3104



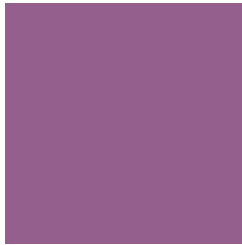
6.6612, 0.3619, 0.1768



0.0848, 0.3395, 0.1644

Previews

White Background



This preview shows how the Yxy color 16.3738, 0.3273, 0.2547 looks on a white background.

Color Contrast Check

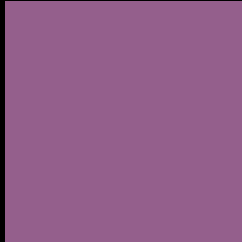
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3738, 0.3273, 0.2547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

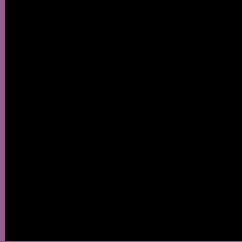
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.3738, 0.3273, 0.2547

Background



This preview shows how black text looks on a background with the Yxy color 16.3738, 0.3273, 0.2547.



This preview shows how white text looks on a background with the Yxy color 16.3738, 0.3273, 0.2547.

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

16.3738, 0.3273, 0.2547

Protanopia

16.6220, 0.2570, 0.2539

Deuteranopia

16.4027, 0.2837, 0.2774



Tritanopia

16.3408, 0.3646, 0.3150

Trichromacy



Original Color

16.3738, 0.3273, 0.2547

Protanomaly

16.2977, 0.2787, 0.2527

Deuteranomaly

16.2981, 0.2985, 0.2688

Tritanomaly

16.2995, 0.3505, 0.2926

Monochromacy



Original Color

16.3738, 0.3273, 0.2547

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.7950, 0.3182, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3738, 0.3273, 0.2547 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(148, 95, 140)` looks like.

```
.text, #text, p{  
    color:rgb(148, 95, 140)  
}
```

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(148, 95, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 95, 140) }
```

Border

The CSS property to change the border of an element to Yxy 16.3738, 0.3273, 0.2547 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(148, 95, 140) }
```

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

```
.border{ border-color:rgb(148, 95, 140) }
```

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

Here you see how a box with a 4 pixel rgb(148, 95, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 95, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 95, 140);  
box-shadow:4px 4px 4px 4px rgb(148, 95,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3738, 0.3273, 0.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 95, 140) }
```

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

```
.background{ background-color: rgb(148, 95,  
140) }
```

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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