

Converting Colors

$Y_{xy}(17.1289, 0.3475, 0.2591)$

Have a look what the booklet for
Yxy(17.1289, 0.3475, 0.2591)
contains.

Yxy(17.1373, 0.3470, 0.2586)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.1373, 0.3470, 0.2586)

Conversions

Conversions Part 1

Format	Color
Hex	A05D8A
RGB	160, 93, 138
RGB Percent	63%, 36%, 54%
CMY	0.3726, 0.6352, 0.4589
CMYK	0.00, 0.42, 0.14, 0.37
HSL	320°, 26%, 50%
HSV	320°, 42%, 63%
XYZ	22.9955, 17.1373, 26.1367
YIQ	118.1630, 25.4870, 28.1990

Conversions

Conversions Part 2

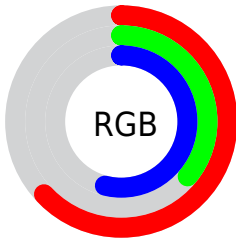
Format	Color
R_{YB}	160, 93, 138
Decimal	10509706
CIE _{Lab}	48.43, 33.83, -13.21
CIE _{LCh}	48, 36.317, 338.676
Yxy	17.1373, 0.3470, 0.2586
Android (android.graphics.Color)	4288699786 (0xFFA05D8A)
YUV	118.1630, 9.7796, 36.6910
Hunter-Lab	41.3972, 26.7089, -8.4555

Details

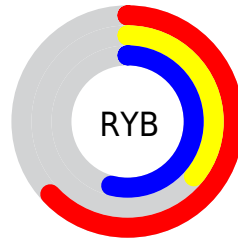
The Yxy color **17.1373, 0.3470, 0.2586** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.7011, 0.2900, 0.4125**, and the grayscale version is **18.1341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6113, 0.3401, 0.2745**, and **5.6317, 0.3603, 0.2326** is the 20% darker color. If you saturate the color by 10%, you get **14.4683, 0.3585, 0.2428**, and if you desaturate by 10%, it is **20.4028, 0.3368, 0.2755**.

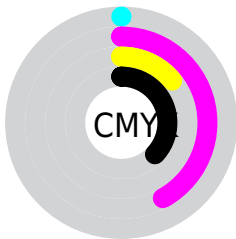
Distribution



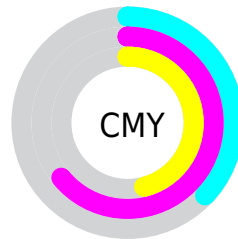
- Red (63%)
- Green (36%)
- Blue (54%)



- Red (63%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (42%)
- Yellow (14%)
- Black (37%)





- Cyan (37%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.1373, 0.3470, 0.2586 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 17.1373, 0.3470, 0.2586 by changing the saturation by 10% instead.


 17.1373, 0.3470,
0.2586


 17.1373, 0.3470,
0.2586


235.9624, 0.3281,
0.2975


 10.3324, 0.3524,
0.2475


 38.5617, 0.3396,
0.2737


 5.6199, 0.3598,
0.2324


 53.9500, 0.3370,
0.2791

 2.6154, 0.3706,
0.2106

 72.9683, 0.3349,
0.2835

 0.9344, 0.3873,
0.1767

 96.0008, 0.3331,
0.2872

 0.0000, 0.4737,
0.0000

123.4321, 0.3315,
0.2903

 0.0000, 0.0000,
0.0000

155.6466, 0.3302,

0.2930

193.0285, 0.3291,
0.2954

■ 17.1373, 0.3470,
0.2586

■ 17.1373, 0.3470,
0.2586

■ 14.4683, 0.3585,
0.2428

■ 20.4028, 0.3368,
0.2755

■ 12.3563, 0.3712,
0.2290

■ 24.2962, 0.3279,
0.2928

■ 10.7610, 0.3847,
0.2183


■ 28.8497, 0.3203,
0.3097


■ 9.6354, 0.3987,
0.2117

■ 34.0923, 0.3138,
0.3261


■ 8.9238, 0.4127,
0.2099

■ 40.0515, 0.3083,
0.3415

 8.5425, 0.4241,
0.2110

 46.7533, 0.3037,
0.3559

 54.2223, 0.2999,
0.3692

 62.4819, 0.2967,
0.3815

 71.5546, 0.2941,
0.3928

Harmonies

Analogous

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



17.1373, 0.2762, 0.2295



17.1373, 0.3470, 0.2586



17.1373, 0.4142, 0.3026

Triad

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



17.1373, 0.3470, 0.2586



17.1373, 0.4010, 0.4478



17.1373, 0.1917, 0.2786

Complementary

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



17.1373, 0.3470, 0.2586



28.7011, 0.2900, 0.4125

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.



17.1373, 0.2175, 0.3466



17.1373, 0.3470, 0.2586



17.1373, 0.3367, 0.4575

Square

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



17.1373, 0.3470, 0.2586



17.1373, 0.4444, 0.4067



17.1373, 0.2695, 0.4187



17.1373, 0.1938, 0.2359

Rectangle

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



17.1373, 0.3470, 0.2586



17.1373, 0.4434, 0.3368



17.1373, 0.2695, 0.4187



17.1373, 0.1971, 0.2989

Sweetspot

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



17.1381, 0.3470, 0.2586



51.1700, 0.3213, 0.3074



13.9615, 0.2601, 0.2108



10.8283, 0.3228, 0.3039



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



17.1381, 0.3470, 0.2586



26.6676, 0.3574, 0.2441



16.3294, 0.3973, 0.3093



6.7175, 0.3185, 0.3141



6.6646, 0.4229, 0.2103



0.1266, 0.3738, 0.1833

Inverse Universe

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



17.1381, 0.3470, 0.2586



26.6676, 0.3574, 0.2441



29.5919, 0.2654, 0.3505



6.7175, 0.3185, 0.3141



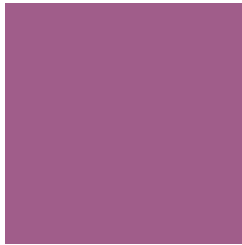
6.6646, 0.4229, 0.2103



0.1266, 0.3738, 0.1833

Previews

White Background



This preview shows how the Yxy color 17.1373, 0.3470, 0.2586 looks on a white background.

Color Contrast Check

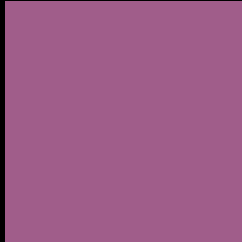
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1373, 0.3470, 0.2586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

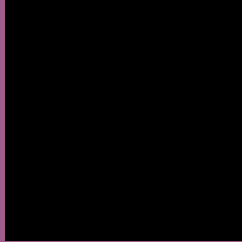
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1373, 0.3470, 0.2586

Background



This preview shows how black text looks on a background with the Yxy color 17.1373, 0.3470, 0.2586.



This preview shows how white text looks on a background with the Yxy color 17.1373, 0.3470, 0.2586.

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

17.1373, 0.3470, 0.2586

Protanopia

17.3378, 0.2607, 0.2569

Deuteranopia

17.3414, 0.2921, 0.2876



Tritanopia

17.0531, 0.3858, 0.3159

Trichromacy



Original Color

17.1373, 0.3470, 0.2586

Protanomaly

16.8062, 0.2871, 0.2545

Deuteranomaly

17.0722, 0.3112, 0.2757

Tritanomaly

17.0255, 0.3713, 0.2947

Monochromacy



Original Color

17.1373, 0.3470, 0.2586

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4045, 0.3248, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1373, 0.3470, 0.2586 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(160, 93, 138)` looks like.

```
.text, #text, p{  
    color:rgb(160, 93, 138)  
}
```

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(160, 93, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 93, 138) }
```

Border

The CSS property to change the border of an element to Yxy 17.1373, 0.3470, 0.2586 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(160, 93, 138) }
```

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

```
.border{ border-color:rgb(160, 93, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 93, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 93, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 93, 138);  
box-shadow:4px 4px 4px 4px rgb(160, 93,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1373, 0.3470, 0.2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 93, 138) }
```

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

```
.background{ background-color: rgb(160, 93,  
138) }
```

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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