

Converting Colors

$Y_{xy}(17.4264, 0.3399, 0.2937)$

Have a look what the booklet for
Yxy(17.4264, 0.3399, 0.2937)
contains.

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Color

Yxy(17.5131, 0.3405, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	90697D
RGB	144, 105, 125
RGB Percent	56%, 41%, 49%
CMY	0.4353, 0.5882, 0.5098
CMYK	0.00, 0.27, 0.13, 0.44
HSL	329°, 16%, 49%
HSV	329°, 27%, 56%
XYZ	20.2555, 17.5131, 21.7189
YIQ	118.9410, 16.8240, 14.4880

Conversions

Conversions Part 2

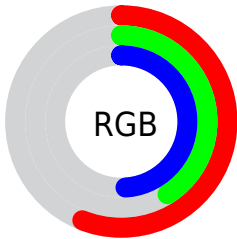
Format	Color
R_{YB}	144, 105, 125
Decimal	9464189
CIE _{Lab}	48.90, 18.91, -4.96
CIE _{LCh}	49, 19.554, 345.304
Yxy	17.5131, 0.3405, 0.2944
Android (android.graphics.Color)	4287654269 (0xFF90697D)
YUV	118.9410, 2.9871, 21.9767
Hunter-Lab	41.8487, 13.1619, -1.4766

Details

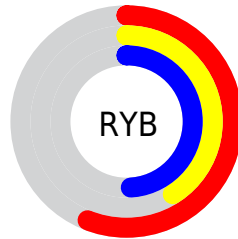
The Yxy color **17.5131, 0.3405, 0.2944** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.4051, 0.2919, 0.3665**, and the grayscale version is **18.4151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3341, 0.3333, 0.3022**, and **5.7752, 0.3531, 0.2800** is the 20% darker color. If you saturate the color by 10%, you get **14.6517, 0.3545, 0.2811**, and if you desaturate by 10%, it is **20.8855, 0.3287, 0.3076**.

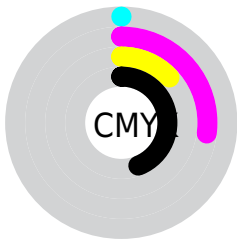
Distribution



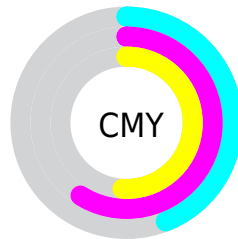
- Red (56%)
- Green (41%)
- Blue (49%)



- Red (56%)
- Yellow (41%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (13%)
- Black (44%)





- Cyan (44%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5131, 0.3405, 0.2944 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 17.5131, 0.3405, 0.2944 by changing the saturation by 10% instead.


 17.5131, 0.3405,
0.2944


 17.5131, 0.3405,
0.2944


238.1121, 0.3246,
0.3141


 10.6010, 0.3454,
0.2885


 39.2059, 0.3341,
0.3022


 5.7992, 0.3523,
0.2802


 54.7554, 0.3319,
0.3049

 2.7234, 0.3629,
0.2676

 73.9527, 0.3301,
0.3072

 0.9891, 0.3811,
0.2464

 97.1824, 0.3286,
0.3090

 0.0000, 0.6176,
0.0000

124.8288, 0.3274,
0.3106

 0.0000, 0.0000,
0.0000

157.2763, 0.3263,

0.3119

194.9093, 0.3254,
0.3130

■ 17.5131, 0.3405,
0.2944

■ 17.5131, 0.3405,
0.2944

■ 14.6517, 0.3545,
0.2811

■ 20.8855, 0.3287,
0.3076

■ 12.2736, 0.3709,
0.2683

■ 24.7900, 0.3187,
0.3204

■ 10.3521, 0.3896,
0.2567


■ 29.2494, 0.3105,
0.3324


■ 8.8571, 0.4105,
0.2475


■ 34.2845, 0.3036,
0.3437

■ 7.7546, 0.4331,
0.2418


■ 39.9150, 0.2979,
0.3541

 7.0054, 0.4563,
0.2406

 46.1597, 0.2931,
0.3637

 6.5415, 0.4794,
0.2441

 53.0364, 0.2892,
0.3725

 6.4223, 0.4863,
0.2453

 60.5625, 0.2859,
0.3806

 68.7544, 0.2832,
0.3880

Harmonies

Analogous

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



17.5131, 0.3019, 0.2747



17.5131, 0.3405, 0.2944



17.5131, 0.3728, 0.3225

Triad

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



17.5131, 0.3405, 0.2944



17.5131, 0.3560, 0.3961



17.5131, 0.2429, 0.2973

Complementary

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



17.5131, 0.3405, 0.2944



24.4051, 0.2919, 0.3665

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.



17.5131, 0.2555, 0.3314



17.5131, 0.3405, 0.2944



17.5131, 0.3198, 0.3921

Square

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



17.5131, 0.3405, 0.2944



17.5131, 0.3814, 0.3807



17.5131, 0.2832, 0.3675



17.5131, 0.2474, 0.2747

Rectangle

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



17.5131, 0.3405, 0.2944



17.5131, 0.3853, 0.3432



17.5131, 0.2832, 0.3675



17.5131, 0.2452, 0.3077

Sweetspot

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



17.5139, 0.3405, 0.2944



42.9319, 0.3197, 0.3190



16.3912, 0.2901, 0.2587



9.6159, 0.3210, 0.3173



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



17.5139, 0.3405, 0.2944



27.9682, 0.3480, 0.2870



17.0663, 0.3678, 0.3280



5.4674, 0.3207, 0.3178



5.5973, 0.4852, 0.2446



0.0580, 0.4003, 0.1979

Inverse Universe

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



17.5139, 0.3405, 0.2944



27.9682, 0.3480, 0.2870



24.9439, 0.2750, 0.3301



5.4674, 0.3207, 0.3178



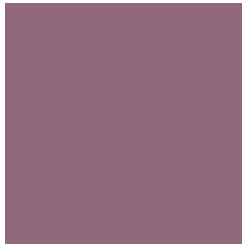
5.5973, 0.4852, 0.2446



0.0580, 0.4003, 0.1979

Previews

White Background



This preview shows how the Yxy color 17.5131, 0.3405, 0.2944 looks on a white background.

Color Contrast Check

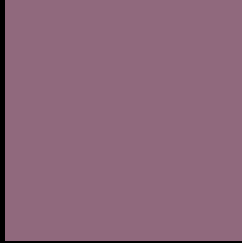
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5131, 0.3405, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

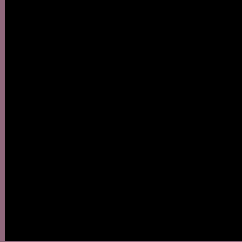
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5131, 0.3405, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 17.5131, 0.3405, 0.2944.



This preview shows how white text looks on a background with the Yxy color 17.5131, 0.3405, 0.2944.

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

17.5131, 0.3405, 0.2944

Protanopia

17.7341, 0.2920, 0.2984

Deuteranopia

17.6255, 0.3150, 0.3084



Tritanopia

17.5928, 0.3524, 0.3150

Trichromacy



Original Color

17.5131, 0.3405, 0.2944

Protanomaly

17.5333, 0.3090, 0.2975

Deuteranomaly

17.5126, 0.3246, 0.3035

Tritanomaly

17.4796, 0.3471, 0.3063

Monochromacy



Original Color

17.5131, 0.3405, 0.2944

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.0043, 0.3225, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5131, 0.3405, 0.2944 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(144, 105, 125)` looks like.

```
.text, #text, p{  
    color:rgb(144, 105, 125)  
}
```

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(144, 105, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 105, 125) }
```

Border

The CSS property to change the border of an element to Yxy 17.5131, 0.3405, 0.2944 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(144, 105, 125) }
```

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

```
.border{ border-color:rgb(144, 105, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 105, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 105, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 105, 125);  
box-shadow:4px 4px 4px 4px rgb(144, 105,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5131, 0.3405, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 105, 125) }
```

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

```
.background{ background-color: rgb(144,  
105, 125) }
```

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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