

Converting Colors

$Y_{xy}(17.6309, 0.3750, 0.3261)$

Have a look what the booklet for
Yxy(17.6309, 0.3750, 0.3261)
contains.

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Color

Yxy(17.6487, 0.3744, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	96696B
RGB	150, 105, 107
RGB Percent	59%, 41%, 42%
CMY	0.4116, 0.5883, 0.5803
CMYK	0.00, 0.30, 0.29, 0.41
HSL	357°, 18%, 50%
HSV	357°, 30%, 59%
XYZ	20.2876, 17.6487, 16.2507
YIQ	118.6830, 26.1780, 10.1620

Conversions

Conversions Part 2

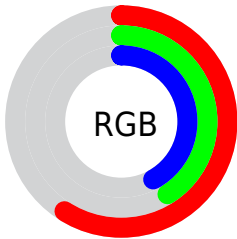
Format	Color
R_{YB}	150, 105, 107
Decimal	9857387
CIE _{Lab}	49.07, 18.35, 6.10
CIE _{LCh}	49, 19.338, 18.377
Yxy	17.6487, 0.3744, 0.3257
Android (android.graphics.Color)	4288047467 (0xFF96696B)
YUV	118.6830, -5.7597, 27.4650
Hunter-Lab	42.0104, 12.6829, 6.4724

Details

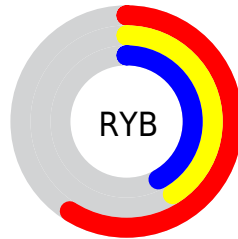
The Yxy color **17.6487, 0.3744, 0.3257** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9629, 0.2723, 0.3325**, and the grayscale version is **18.3557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5617, 0.3597, 0.3279**, and **5.8492, 0.4023, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **14.5815, 0.4052, 0.3246**, and if you desaturate by 10%, it is **21.3067, 0.3493, 0.3268**.

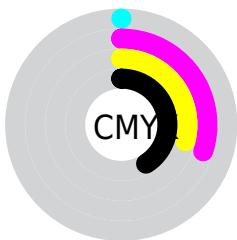
Distribution



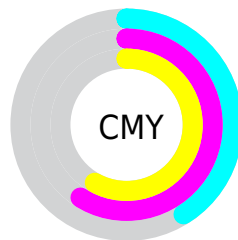
- Red (59%)
- Green (41%)
- Blue (42%)



- Red (59%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (41%)





- Cyan (41%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6487, 0.3744, 0.3257 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 17.6487, 0.3744, 0.3257 by changing the saturation by 10% instead.


 17.6487, 0.3744,
0.3257


 17.6487, 0.3744,
0.3257


238.8834, 0.3383,
0.3282


 10.6981, 0.3858,
0.3246


 39.4378, 0.3597,
0.3269


 5.8642, 0.4022,
0.3228

 55.0451, 0.3547,
0.3272

 2.7627, 0.4280,
0.3193

 74.3067, 0.3507,
0.3275

 1.0091, 0.4782,
0.3142

 97.6070, 0.3474,
0.3277

 0.0000, 1.0000,
0.0000

125.3304, 0.3446,
0.3279

 0.0000, 0.0000,
0.0000

157.8614, 0.3422,

0.3280

195.5842, 0.3401,
0.3281

■ 17.6487, 0.3744,
0.3257

■ 17.6487, 0.3744,
0.3257

■ 14.5815, 0.4052,
0.3246

■ 21.3067, 0.3493,
0.3268

■ 12.0719, 0.4421,
0.3237

■ 25.5815, 0.3290,
0.3280

■ 10.0869, 0.4845,
0.3231


■ 30.5008, 0.3127,
0.3290

■ 8.5895, 0.5301,
0.3232


■ 36.0895, 0.2996,
0.3300


■ 7.5376, 0.5741,
0.3240

■ 42.3716, 0.2890,
0.3308

 6.8820, 0.6099,
0.3257

 49.3695, 0.2803,
0.3316

 6.5016, 0.6340,
0.3266

 57.1050, 0.2732,
0.3324

 65.5987, 0.2673,
0.3330

 74.8705, 0.2624,
0.3336

Harmonies

Analogous

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



17.6487, 0.3439, 0.2974



17.6487, 0.3744, 0.3257



17.6487, 0.3873, 0.3563

Triad

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



17.6487, 0.3744, 0.3257



17.6487, 0.3159, 0.3896



17.6487, 0.2497, 0.2740

Complementary

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



17.6487, 0.3744, 0.3257



26.9629, 0.2723, 0.3325

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.



17.6487, 0.2434, 0.2948



17.6487, 0.3744, 0.3257



17.6487, 0.2802, 0.3637

Square

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



17.6487, 0.3744, 0.3257



17.6487, 0.3521, 0.3957



17.6487, 0.2542, 0.3277



17.6487, 0.2719, 0.2682

Rectangle

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



17.6487, 0.3744, 0.3257



17.6487, 0.3839, 0.3746



17.6487, 0.2542, 0.3277



17.6487, 0.2457, 0.2793

Sweetspot

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



17.6495, 0.3744, 0.3257



45.8141, 0.3275, 0.3280



18.5790, 0.3132, 0.2560



9.9136, 0.3299, 0.3279



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.



17.6495, 0.3744, 0.3257



27.4029, 0.3943, 0.3250



22.2389, 0.3676, 0.3633



5.8194, 0.3276, 0.3280



5.3913, 0.6334, 0.3263



0.0668, 0.6021, 0.3091

Inverse Universe

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



17.6495, 0.3744, 0.3257



27.4029, 0.3943, 0.3250



21.1073, 0.2667, 0.2919



5.8194, 0.3276, 0.3280



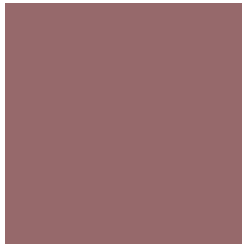
5.3913, 0.6334, 0.3263



0.0668, 0.6021, 0.3091

Previews

White Background



This preview shows how the Yxy color 17.6487, 0.3744, 0.3257 looks on a white background.

Color Contrast Check

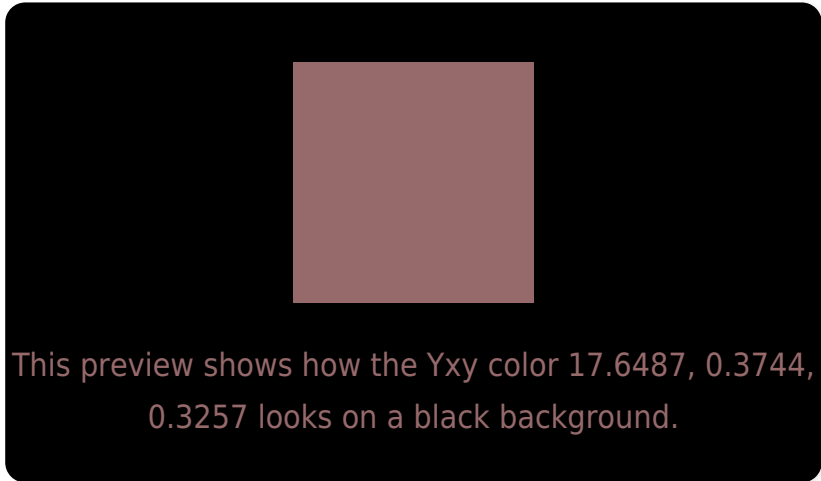
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

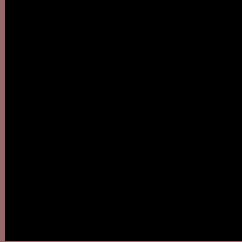
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6487, 0.3744, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 17.6487, 0.3744, 0.3257.



This preview shows how white text looks on a background with the Yxy color 17.6487, 0.3744, 0.3257.

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

17.6487, 0.3744, 0.3257

Protanopia

17.6761, 0.3215, 0.3349

Deuteranopia

17.7564, 0.3473, 0.3422



Tritanopia

17.6498, 0.3690, 0.3155

Trichromacy



Original Color

17.6487, 0.3744, 0.3257

Protanomaly

17.5613, 0.3397, 0.3309

Deuteranomaly

17.6814, 0.3581, 0.3364

Tritanomaly

17.6057, 0.3719, 0.3189

Monochromacy



Original Color

17.6487, 0.3744, 0.3257

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.0183, 0.3326, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6487, 0.3744, 0.3257 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(150, 105, 107)` looks like.

```
.text, #text, p{  
    color:rgb(150, 105, 107)  
}
```

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(150, 105, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 105, 107) }
```

Border

The CSS property to change the border of an element to Yxy 17.6487, 0.3744, 0.3257 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(150, 105, 107) }
```

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

```
.border{ border-color:rgb(150, 105, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 105, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 105, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 105, 107);  
box-shadow:4px 4px 4px 4px rgb(150, 105,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6487, 0.3744, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 105, 107) }
```

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

```
.background{ background-color: rgb(150,  
105, 107) }
```

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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