

Converting Colors

$Y_{xy}(24.6909, 0.3563, 0.3191)$

Have a look what the booklet for
Yxy(24.6909, 0.3563, 0.3191)
contains.

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Color

Yxy(24.5487, 0.3558, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	A77D84
RGB	167, 125, 132
RGB Percent	65%, 49%, 52%
CMY	0.3451, 0.5098, 0.4824
CMYK	0.00, 0.25, 0.21, 0.35
HSL	350°, 19%, 57%
HSV	350°, 25%, 65%
XYZ	27.4322, 24.5487, 25.1192
YIQ	138.3560, 22.7850, 11.0810

Conversions

Conversions Part 2

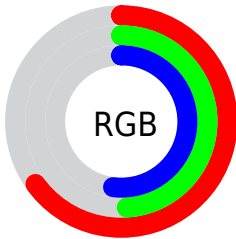
Format	Color
R_{YB}	167, 125, 132
Decimal	10976644
CIE Lab	56.63, 17.36, 2.57
CIE LCh	57, 17.544, 8.413
Yxy	24.5487, 0.3558, 0.3184
Android (android.graphics.Color)	4289166724 (0xFFA77D84)
YUV	138.3560, -3.1335, 25.1208
Hunter-Lab	49.5466, 12.1226, 4.6237

Details

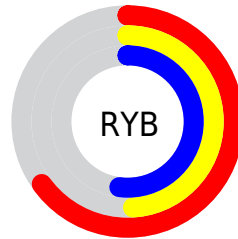
The Yxy color **24.5487, 0.3558, 0.3184** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.5317, 0.2818, 0.3400**, and the grayscale version is **25.5646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0315, 0.3466, 0.3210**, and **9.3708, 0.3712, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **20.3149, 0.3802, 0.3140**, and if you desaturate by 10%, it is **29.5464, 0.3359, 0.3228**.

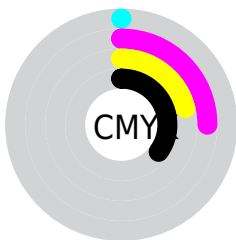
Distribution



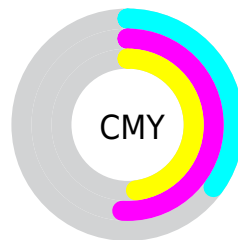
- Red (65%)
- Green (49%)
- Blue (52%)



- Red (65%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (35%)




- Cyan (35%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5487, 0.3558, 0.3184 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 24.5487, 0.3558, 0.3184 by changing the saturation by 10% instead.


 24.5487, 0.3558,
0.3184


 24.5487, 0.3558,
0.3184


275.5829, 0.3319,
0.3245


 15.7411, 0.3627,
0.3166


 50.9241, 0.3464,
0.3208

 9.3412, 0.3723,
0.3140


 69.2608, 0.3431,
0.3217

 4.9644, 0.3864,
0.3101

 91.5426, 0.3404,
0.3223

 2.2264, 0.4091,
0.3036

118.1540, 0.3381,
0.3229

 0.7343, 0.4600,
0.2928

149.4793, 0.3362,
0.3234

 0.0000, 1.0000,
0.0000


185.9030, 0.3346,


 0.0000, 0.0000,


0.3238


0.0000


227.8094, 0.3331,
0.3242

 24.5487, 0.3558,
0.3184


 24.5487, 0.3558,
0.3184


 20.3149, 0.3802,
0.3140


 29.5464, 0.3359,
0.3228

 16.8041, 0.4099,
0.3098


 35.3397, 0.3198,
0.3270


 13.9768, 0.4449,
0.3063


 41.9622, 0.3067,
0.3308


 11.7881, 0.4846,
0.3043


 49.4451, 0.2961,
0.3344


 10.1880, 0.5267,
0.3045


 57.8175, 0.2875,
0.3376

 9.1189, 0.5671,
0.3074


 67.1076, 0.2804,
0.3406

 8.5090, 0.6007,
0.3132

 77.3418, 0.2745,
0.3432

 8.2968, 0.6144,
0.3158

 86.2271, 0.2692,
0.3418

 86.9541, 0.2638,
0.3289

Harmonies

Analogous

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



24.5487, 0.3282, 0.2965



24.5487, 0.3558, 0.3184



24.5487, 0.3716, 0.3437

Triad

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



24.5487, 0.3558, 0.3184



24.5487, 0.3258, 0.3813



24.5487, 0.2577, 0.2886

Complementary

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



24.5487, 0.3558, 0.3184



34.5317, 0.2818, 0.3400

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.



24.5487, 0.2572, 0.3097



24.5487, 0.3558, 0.3184



24.5487, 0.2956, 0.3652

Square

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



24.5487, 0.3558, 0.3184



24.5487, 0.3535, 0.3812



24.5487, 0.2708, 0.3380



24.5487, 0.2720, 0.2792

Rectangle

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



24.5487, 0.3558, 0.3184



24.5487, 0.3729, 0.3597



24.5487, 0.2708, 0.3380



24.5487, 0.2559, 0.2944

Sweetspot

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



24.5498, 0.3558, 0.3184



60.0274, 0.3243, 0.3257



24.9322, 0.3078, 0.2664



13.0867, 0.3266, 0.3251



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



24.5498, 0.3558, 0.3184



39.7086, 0.3684, 0.3160



28.1611, 0.3593, 0.3505



7.5619, 0.3261, 0.3253



6.3550, 0.6124, 0.3147



0.1604, 0.5367, 0.2730

Inverse Universe

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



24.5498, 0.3558, 0.3184



39.7086, 0.3684, 0.3160



29.9312, 0.2746, 0.3064



7.5619, 0.3261, 0.3253



6.3550, 0.6124, 0.3147



0.1604, 0.5367, 0.2730

Previews

White Background



This preview shows how the Yxy color 24.5487, 0.3558, 0.3184 looks on a white background.

Color Contrast Check

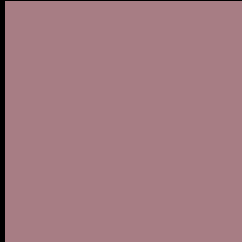
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 24.5487, 0.3558, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

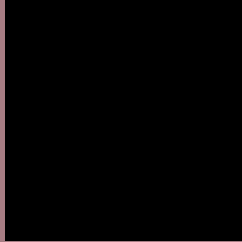
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5487, 0.3558, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 24.5487, 0.3558, 0.3184.



This preview shows how white text looks on a background with the Yxy color 24.5487, 0.3558, 0.3184.

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

24.5487, 0.3558, 0.3184

Protanopia

24.5662, 0.3130, 0.3239

Deuteranopia

24.7205, 0.3359, 0.3307



Tritanopia

24.6040, 0.3534, 0.3153

Trichromacy



Original Color

24.5487, 0.3558, 0.3184

Protanomaly

24.3997, 0.3282, 0.3209

Deuteranomaly

24.5073, 0.3438, 0.3259

Tritanomaly

24.5762, 0.3546, 0.3168

Monochromacy



Original Color

24.5487, 0.3558, 0.3184

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9422, 0.3278, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5487, 0.3558, 0.3184 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(167, 125, 132)` looks like.

```
.text, #text, p{  
    color:rgb(167, 125, 132)  
}
```

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(167, 125, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 125, 132) }
```

Border

The CSS property to change the border of an element to Yxy 24.5487, 0.3558, 0.3184 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(167, 125, 132) }
```

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

```
.border{ border-color:rgb(167, 125, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 125, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 125, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 125, 132);  
box-shadow:4px 4px 4px 4px rgb(167, 125,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5487, 0.3558, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 125, 132) }
```

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

```
.background{ background-color: rgb(167,  
125, 132) }
```

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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