

Converting Colors

$Y_{xy}(25.2559, 0.3736, 0.3131)$

Have a look what the booklet for
Yxy(25.2559, 0.3736, 0.3131)
contains.

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Color

Yxy(25.1644, 0.3742, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	B57984
RGB	181, 121, 132
RGB Percent	71%, 47%, 52%
CMY	0.2902, 0.5254, 0.4824
CMYK	0.00, 0.33, 0.27, 0.29
HSL	349°, 29%, 59%
HSV	349°, 33%, 71%
XYZ	30.0559, 25.1644, 25.1001
YIQ	140.1940, 32.2290, 16.1410

Conversions

Conversions Part 2

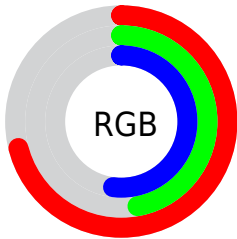
Format	Color
RYB	181, 121, 132
Decimal	11893124
CIELab	57.24, 24.97, 3.64
CIElCh	57, 25.238, 8.284
Yxy	25.1644, 0.3742, 0.3133
Android (android.graphics.Color)	4290083204 (0xFFB57984)
YUV	140.1940, -4.0396, 35.7869
Hunter-Lab	50.1641, 19.1613, 5.4485

Details

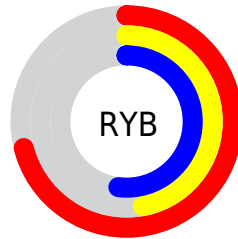
The Yxy color **25.1644, 0.3742, 0.3133** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.0116, 0.2735, 0.3456**, and the grayscale version is **26.3120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9520, 0.3609, 0.3169**, and **9.6430, 0.3978, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **20.7947, 0.4024, 0.3086**, and if you desaturate by 10%, it is **30.4191, 0.3510, 0.3182**.

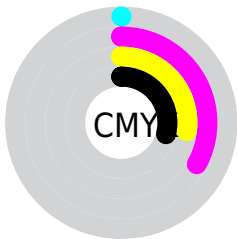
Distribution



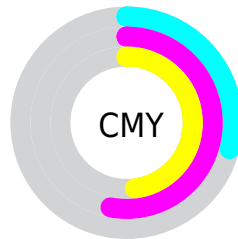
- Red (71%)
- Green (47%)
- Blue (52%)



- Red (71%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (33%)
- Yellow (27%)
- Black (29%)




- Cyan (29%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1644, 0.3742, 0.3133 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 25.1644, 0.3742, 0.3133 by changing the saturation by 10% instead.


 25.1644, 0.3742,
0.3133


 25.1644, 0.3742,
0.3133


278.6557, 0.3402,
0.3223


 16.1996, 0.3840,
0.3106


 51.9238, 0.3609,
0.3169

 9.6655, 0.3975,
0.3067


 70.4872, 0.3562,
0.3182

 5.1777, 0.4171,
0.3009

 93.0189, 0.3524,
0.3192

 2.3519, 0.4483,
0.2912

119.9032, 0.3491,
0.3200

 0.8010, 0.5122,
0.2754

151.5247, 0.3464,
0.3207

 0.0000, 1.0000,
0.0000

188.2677, 0.3440,

 0.0000, 0.0000,

0.3213


0.0000

230.5165, 0.3420,
0.3219

 25.1644, 0.3742,
0.3133


 25.1644, 0.3742,
0.3133

 20.7947, 0.4024,
0.3086


 30.4191, 0.3510,
0.3182


 17.2578, 0.4359,
0.3045


 36.6002, 0.3321,
0.3231


 14.5015, 0.4744,
0.3018


 43.7507, 0.3169,
0.3276

 12.4661, 0.5158,
0.3014


 51.9098, 0.3045,
0.3319


 11.0835, 0.5567,
0.3040


 61.1148, 0.2945,
0.3357


 10.2721, 0.5919,
0.3097

 71.4007, 0.2863,
0.3393

 9.9330, 0.6115,
0.3142

 82.8013, 0.2796,
0.3425

 88.2617, 0.2729,
0.3340

 88.5625, 0.2706,
0.3289

Harmonies

Analogous

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



25.1644, 0.3341, 0.2835



25.1644, 0.3742, 0.3133



25.1644, 0.3971, 0.3480

Triad

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



25.1644, 0.3742, 0.3133



25.1644, 0.3306, 0.4051



25.1644, 0.2358, 0.2715

Complementary

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



25.1644, 0.3742, 0.3133



40.0116, 0.2735, 0.3456

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.



25.1644, 0.2351, 0.3005



25.1644, 0.3742, 0.3133



25.1644, 0.2879, 0.3819

Square

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



25.1644, 0.3742, 0.3133



25.1644, 0.3701, 0.4032



25.1644, 0.2535, 0.3415



25.1644, 0.2552, 0.2594

Rectangle

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



25.1644, 0.3742, 0.3133



25.1644, 0.3986, 0.3707



25.1644, 0.2535, 0.3415



25.1644, 0.2334, 0.2794

Sweetspot

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



25.1656, 0.3742, 0.3133



69.1810, 0.3273, 0.3245



25.5584, 0.3045, 0.2451



14.5843, 0.3295, 0.3238



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



25.1656, 0.3742, 0.3133



39.0399, 0.3949, 0.3097



29.9605, 0.3794, 0.3565



8.5298, 0.3259, 0.3249



6.8562, 0.6088, 0.3127



0.2233, 0.5377, 0.2736

Inverse Universe

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



25.1656, 0.3742, 0.3133



39.0399, 0.3949, 0.3097



33.2408, 0.2626, 0.2995



8.5298, 0.3259, 0.3249



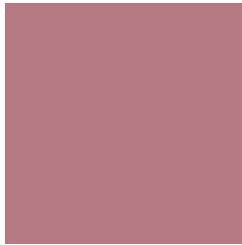
6.8562, 0.6088, 0.3127



0.2233, 0.5377, 0.2736

Previews

White Background



This preview shows how the Yxy color 25.1644, 0.3742, 0.3133 looks on a white background.

Color Contrast Check

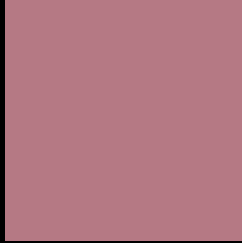
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1644, 0.3742, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

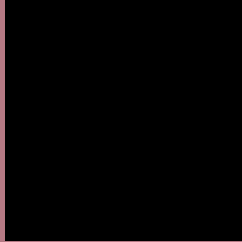
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1644, 0.3742, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 25.1644, 0.3742, 0.3133.



This preview shows how white text looks on a background with the Yxy color 25.1644, 0.3742, 0.3133.

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

25.1644, 0.3742, 0.3133

Protanopia

25.3034, 0.3108, 0.3223

Deuteranopia

25.2568, 0.3404, 0.3339



Tritanopia

25.1102, 0.3768, 0.3162

Trichromacy



Original Color

25.1644, 0.3742, 0.3133

Protanomaly

24.9376, 0.3318, 0.3179

Deuteranomaly

25.2317, 0.3522, 0.3260

Tritanomaly

25.1372, 0.3755, 0.3147

Monochromacy



Original Color

25.1644, 0.3742, 0.3133

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5498, 0.3337, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1644, 0.3742, 0.3133 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(181, 121, 132)` looks like.

```
.text, #text, p{  
    color:rgb(181, 121, 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(181, 121, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 121, 132) }
```

Border

The CSS property to change the border of an element to Yxy 25.1644, 0.3742, 0.3133 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(181, 121, 132) }
```

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

```
.border{ border-color:rgb(181, 121, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 121, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 121, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 121, 132); box-shadow:4px 4px 4px 4px rgb(181, 121, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1644, 0.3742, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 121, 132) }
```

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

```
.background{ background-color: rgb(181,  
121, 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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