

Converting Colors

$Y_{xy}(32.1352, 0.3466, 0.3152)$

Have a look what the booklet for
Yxy(32.1352, 0.3466, 0.3152)
contains.

Yxy(32.1352, 0.3466, 0.3152)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.1352, 0.3466, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	B88F99
RGB	184, 143, 153
RGB Percent	72%, 56%, 60%
CMY	0.2785, 0.4392, 0.4000
CMYK	0.00, 0.22, 0.17, 0.28
HSL	345°, 22%, 64%
HSV	345°, 22%, 72%
XYZ	35.3365, 32.1352, 34.4801
YIQ	156.3990, 21.2260, 11.8020

Conversions

Conversions Part 2

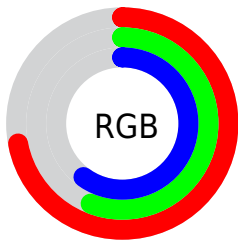
Format	Color
R_{YB}	184, 143, 153
Decimal	12095385
CIE Lab	63.45, 17.05, 0.67
CIE LCh	63, 17.064, 2.245
Yxy	32.1352, 0.3466, 0.3152
Android (android.graphics.Color)	4290285465 (0xFFB88F99)
YUV	156.3990, -1.6757, 24.2061
Hunter-Lab	56.6879, 12.0643, 3.6188

Details

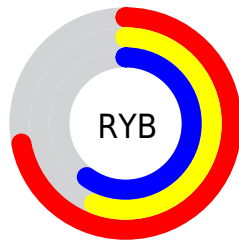
The Yxy color **32.1352, 0.3466, 0.3152** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1695, 0.2871, 0.3433**, and the grayscale version is **33.4342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9628, 0.3396, 0.3184**, and **13.3594, 0.3578, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **26.6246, 0.3676, 0.3086**, and if you desaturate by 10%, it is **38.6082, 0.3294, 0.3216**.

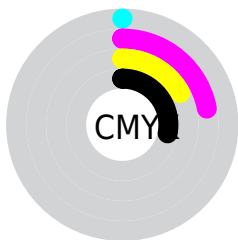
Distribution



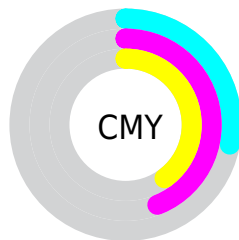
- Red (72%)
- Green (56%)
- Blue (60%)



- Red (72%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (28%)





- Cyan (28%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1352, 0.3466, 0.3152 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 32.1352, 0.3466, 0.3152 by changing the saturation by 10% instead.


 32.1352, 0.3466,
0.3152


 32.1352, 0.3466,
0.3152


311.7347, 0.3286,
0.3226

 21.4648, 0.3515,
0.3132


 63.0230, 0.3398,
0.3180

 13.4642, 0.3580,
0.3105


 84.0091, 0.3373,
0.3190

 7.7489, 0.3672,
0.3067


109.2027, 0.3352,
0.3199

 3.9347, 0.3810,
0.3009

138.9880, 0.3335,
0.3206

 1.6371, 0.4040,
0.2912

173.7494, 0.3320,
0.3212

 0.3824, 0.5090,
0.2497

213.8714, 0.3307,

 0.0000, 0.0000,

0.3217

0.0000

259.7384, 0.3296,
0.3222

■ 32.1352, 0.3466,
0.3152

■ 32.1352, 0.3466,
0.3152

■ 26.6246, 0.3676,
0.3086

■ 38.6082, 0.3294,
0.3216

■ 22.0261, 0.3931,
0.3022

■ 46.0822, 0.3155,
0.3277

■ 18.2914, 0.4235,
0.2965

■ 54.5988, 0.3042,
0.3333

■ 15.3660, 0.4584,
0.2924

■ 64.1959, 0.2949,
0.3385

■ 13.1892, 0.4967,
0.2908

■ 74.9099, 0.2874,
0.3432

■ 11.6915, 0.5356,
0.2928

■ 86.7750, 0.2812,
0.3474

■ 10.7903, 0.5713,
0.2988

■ 88.6337, 0.2743,
0.3339

■ 10.3767, 0.5948,
0.3050

■ 88.9281, 0.2721,
0.3289

Harmonies

Analogous

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



32.1352, 0.3209, 0.2966



32.1352, 0.3466, 0.3152



32.1352, 0.3632, 0.3377

Triad

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



32.1352, 0.3466, 0.3152



32.1352, 0.3300, 0.3765



32.1352, 0.2624, 0.2962

Complementary

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



32.1352, 0.3466, 0.3152



43.1695, 0.2871, 0.3433

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.



32.1352, 0.2647, 0.3169



32.1352, 0.3466, 0.3152



32.1352, 0.3030, 0.3649

Square

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



32.1352, 0.3466, 0.3152



32.1352, 0.3532, 0.3737



32.1352, 0.2792, 0.3424



32.1352, 0.2728, 0.2854

Rectangle

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



32.1352, 0.3466, 0.3152



32.1352, 0.3665, 0.3524



32.1352, 0.2792, 0.3424



32.1352, 0.2617, 0.3022

Sweetspot

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



32.1367, 0.3466, 0.3152



76.7528, 0.3219, 0.3248



32.0771, 0.3051, 0.2728



16.3741, 0.3227, 0.3244



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



32.1367, 0.3466, 0.3152



52.8769, 0.3570, 0.3118



35.0374, 0.3543, 0.3434



9.0472, 0.3250, 0.3234



7.1627, 0.5918, 0.3034



0.2626, 0.5176, 0.2625

Inverse Universe

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



32.1367, 0.3466, 0.3152



52.8769, 0.3570, 0.3118



39.4720, 0.2791, 0.3142



9.0472, 0.3250, 0.3234



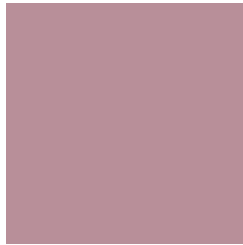
7.1627, 0.5918, 0.3034



0.2626, 0.5176, 0.2625

Previews

White Background



This preview shows how the Yxy color 32.1352, 0.3466, 0.3152 looks on a white background.

Color Contrast Check

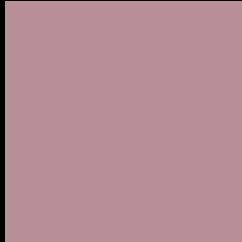
Large Text (above 18pt) WCAG AA × Fail

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 32.1352, 0.3466, 0.3152 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 ✓ Pass

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

Yxy 32.1352, 0.3466, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 32.1352, 0.3466, 0.3152.



This preview shows how white text looks on a background with the Yxy color 32.1352, 0.3466, 0.3152.

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

32.1352, 0.3466, 0.3152

Protanopia

32.2542, 0.3092, 0.3200

Deuteranopia

32.1969, 0.3305, 0.3247



Tritanopia

32.1684, 0.3456, 0.3138

Trichromacy



Original Color

32.1352, 0.3466, 0.3152

Protanomaly

32.0362, 0.3225, 0.3173

Deuteranomaly

32.1331, 0.3361, 0.3219

Tritanomaly

32.1684, 0.3456, 0.3138

Monochromacy



Original Color

32.1352, 0.3466, 0.3152

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.6068, 0.3242, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1352, 0.3466, 0.3152 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(184, 143, 153)` looks like.

```
.text, #text, p{  
    color:rgb(184, 143, 153)  
}
```

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(184, 143, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 143, 153) }
```

Border

The CSS property to change the border of an element to Yxy 32.1352, 0.3466, 0.3152 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(184, 143, 153) }
```

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

```
.border{ border-color:rgb(184, 143, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 143, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(184, 143,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1352, 0.3466, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 143, 153) }
```

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

```
.background{ background-color: rgb(184,  
143, 153) }
```

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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