

Converting Colors

$Yxy(31.2673, 0.3509, 0.3257)$

Have a look what the booklet for
Yxy(31.2673, 0.3509, 0.3257)
contains.

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Color

Yxy(31.3926, 0.3508, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	B48F91
RGB	180, 143, 145
RGB Percent	71%, 56%, 57%
CMY	0.2942, 0.4391, 0.4314
CMYK	0.00, 0.21, 0.19, 0.29
HSL	357°, 20%, 63%
HSV	357°, 21%, 71%
XYZ	33.7497, 31.3926, 31.0655
YIQ	154.2910, 21.4100, 8.4660

Conversions

Conversions Part 2

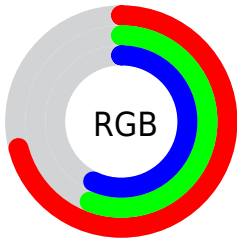
Format	Color
R _Y B	180, 143, 145
Decimal	11833233
CIE Lab	62.84, 14.25, 4.26
CIE LCh	63, 14.869, 16.657
Yxy	31.3926, 0.3508, 0.3263
Android (android.graphics.Color)	4290023313 (0xFFB48F91)
YUV	154.2910, -4.5805, 22.5468
Hunter-Lab	56.0291, 9.4703, 6.3469

Details

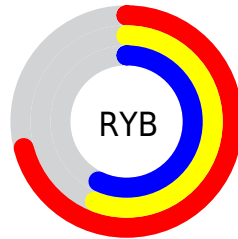
The Yxy color **31.3926, 0.3508, 0.3263** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6851, 0.2840, 0.3318**, and the grayscale version is **32.4625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8889, 0.3426, 0.3269**, and **13.1670, 0.3638, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **25.9296, 0.3765, 0.3249**, and if you desaturate by 10%, it is **37.8042, 0.3301, 0.3277**.

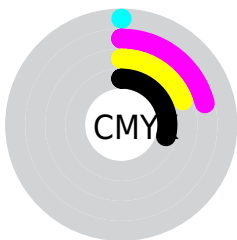
Distribution



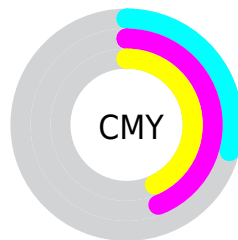
- Red (71%)
- Green (56%)
- Blue (57%)



- Red (71%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3926, 0.3508, 0.3263 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 31.3926, 0.3508, 0.3263 by changing the saturation by 10% instead.


 31.3926, 0.3508,
0.3263

 31.3926, 0.3508,
0.3263


308.3430, 0.3304,
0.3280

 20.8980, 0.3564,
0.3258


 61.8577, 0.3430,
0.3270

 13.0495, 0.3639,
0.3250


 82.5969, 0.3402,
0.3272

 7.4626, 0.3745,
0.3238


107.5198, 0.3379,
0.3274

 3.7531, 0.3907,
0.3217

137.0107, 0.3359,
0.3276

 1.5364, 0.4181,
0.3176

171.4541, 0.3342,
0.3277

 0.3141, 0.6434,
0.3127


211.2344, 0.3328,

 0.0000, 0.0000,


0.3278


0.0000


256.7358, 0.3315,
0.3279


 31.3926, 0.3508,
0.3263


 31.3926, 0.3508,
0.3263


 25.9296, 0.3765,
0.3249

 37.8042, 0.3301,
0.3277


 21.3660, 0.4080,
0.3236


 45.2017, 0.3135,
0.3289


 17.6550, 0.4458,
0.3225

 53.6260, 0.3001,
0.3301

 14.7437, 0.4891,
0.3219

 63.1141, 0.2894,
0.3312

 12.5731, 0.5352,
0.3220

 73.7013, 0.2806,
0.3321

■ 11.0766, 0.5790,
0.3231

■ 85.4213, 0.2734,
0.3330

■ 10.1751, 0.6136,
0.3252

■ 88.4395, 0.2701,
0.3289

■ 9.7206, 0.6343,
0.3268

Harmonies

Analogous

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



31.3926, 0.3314, 0.3076



31.3926, 0.3508, 0.3263



31.3926, 0.3597, 0.3463

Triad

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



31.3926, 0.3508, 0.3263



31.3926, 0.3166, 0.3671



31.3926, 0.2714, 0.2944

Complementary

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



31.3926, 0.3508, 0.3263



41.6851, 0.2840, 0.3318

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.



31.3926, 0.2679, 0.3089



31.3926, 0.3508, 0.3263



31.3926, 0.2935, 0.3518

Square

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



31.3926, 0.3508, 0.3263



31.3926, 0.3394, 0.3709



31.3926, 0.2758, 0.3300



31.3926, 0.2856, 0.2894

Rectangle

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



31.3926, 0.3508, 0.3263



31.3926, 0.3583, 0.3580



31.3926, 0.2758, 0.3300



31.3926, 0.2690, 0.2983

Sweetspot

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



31.3940, 0.3508, 0.3263



74.2913, 0.3223, 0.3282



32.3509, 0.3126, 0.2785



15.8745, 0.3234, 0.3282



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.



31.3940, 0.3508, 0.3263



51.8833, 0.3627, 0.3256



36.4898, 0.3485, 0.3515



8.5124, 0.3279, 0.3278



6.7902, 0.6330, 0.3261



0.2161, 0.6050, 0.3107

Inverse Universe

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



31.3940, 0.3508, 0.3263



51.8833, 0.3627, 0.3256



35.6707, 0.2811, 0.3053



8.5124, 0.3279, 0.3278



6.7902, 0.6330, 0.3261



0.2161, 0.6050, 0.3107

Previews

White Background



This preview shows how the Yxy color 31.3926, 0.3508, 0.3263 looks on a white background.

Color Contrast Check

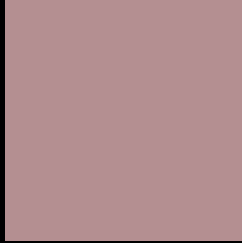
Large Text (above 18pt) WCAG AA × Fail

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 31.3926, 0.3508, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

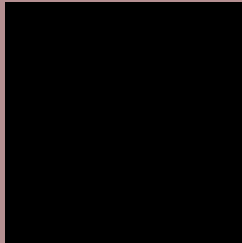
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3926, 0.3508, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 31.3926, 0.3508, 0.3263.



This preview shows how white text looks on a background with the Yxy color 31.3926, 0.3508, 0.3263.

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

31.3926, 0.3508, 0.3263

Protanopia

31.6270, 0.3176, 0.3321

Deuteranopia

31.4271, 0.3401, 0.3335



Tritanopia

31.4697, 0.3436, 0.3136

Trichromacy



Original Color

31.3926, 0.3508, 0.3263

Protanomaly

31.5255, 0.3293, 0.3305

Deuteranomaly

31.5701, 0.3446, 0.3320

Tritanomaly

31.3718, 0.3468, 0.3178

Monochromacy



Original Color

31.3926, 0.3508, 0.3263

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.8336, 0.3251, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3926, 0.3508, 0.3263 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(180, 143, 145)` looks like.

```
.text, #text, p{  
    color:rgb(180, 143, 145)  
}
```

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(180, 143, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 143, 145) }
```

Border

The CSS property to change the border of an element to Yxy 31.3926, 0.3508, 0.3263 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(180, 143, 145) }
```

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

```
.border{ border-color:rgb(180, 143, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 143, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 143, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 143, 145);  
box-shadow:4px 4px 4px 4px rgb(180, 143,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3926, 0.3508, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 143, 145) }
```

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

```
.background{ background-color: rgb(180,  
143, 145) }
```

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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