

Converting Colors

$Yxy(31.2682, 0.3723, 0.3517)$

Have a look what the booklet for
Yxy(31.2682, 0.3723, 0.3517)
contains.

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Color

Yxy(31.1223, 0.3726, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	B68F7F
RGB	182, 143, 127
RGB Percent	71%, 56%, 50%
CMY	0.2863, 0.4392, 0.5020
CMYK	0.00, 0.21, 0.30, 0.29
HSL	17°, 27%, 61%
HSV	17°, 30%, 71%
XYZ	32.9437, 31.1223, 24.3497
YIQ	152.8370, 28.3800, 3.2920

Conversions

Conversions Part 2

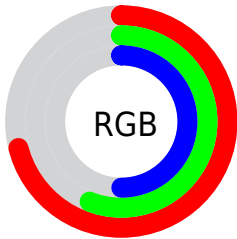
Format	Color
RYB	182, 150, 127
Decimal	11964287
CIELab	62.61, 12.38, 14.14
CIElCh	63, 18.794, 48.790
Yxy	31.1223, 0.3726, 0.3520
Android (android.graphics.Color)	4290154367 (0xFFB68F7F)
YUV	152.8370, -12.7376, 25.5760
Hunter-Lab	55.7874, 7.7803, 13.1727

Details

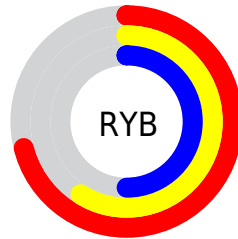
The Yxy color **31.1223, 0.3726, 0.3520** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.1578, 0.2672, 0.3047**, and the grayscale version is **31.8284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5785, 0.3603, 0.3477**, and **12.9680, 0.3929, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **27.0373, 0.3998, 0.3599**, and if you desaturate by 10%, it is **35.7415, 0.3493, 0.3440**.

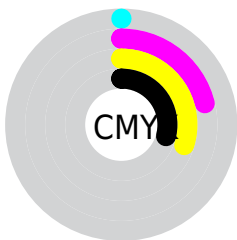
Distribution



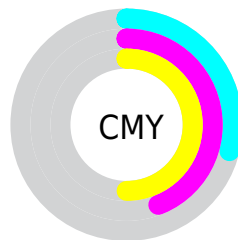
- Red (71%)
- Green (56%)
- Blue (50%)



- Red (71%)
- Yellow (59%)
- Blue (50%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1223, 0.3726, 0.3520 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 31.1223, 0.3726, 0.3520 by changing the saturation by 10% instead.


 31.1223, 0.3726,
0.3520


 31.1223, 0.3726,
0.3520


307.1014, 0.3404,
0.3404

 20.6920, 0.3814,
0.3548


 61.4326, 0.3603,
0.3478

 12.8990, 0.3933,
0.3584

 82.0813, 0.3559,
0.3462

 7.3591, 0.4099,
0.3630


 106.9050, 0.3522,
0.3449

 3.6877, 0.4349,
0.3689

136.2880, 0.3491,
0.3437

 1.5004, 0.4832,
0.3816

170.6148, 0.3465,
0.3427

 0.2890, 0.6663,
0.3337


210.2697, 0.3442,


 0.0000, 0.0000,


0.3419


0.0000

255.6371, 0.3422,
0.3411

 31.1223, 0.3726,
0.3520


 31.1223, 0.3726,
0.3520

 27.0373, 0.3998,
0.3599

 35.7415, 0.3493,
0.3440


 23.4625, 0.4311,
0.3672


 40.9092, 0.3296,
0.3364


 20.3785, 0.4660,
0.3731


 46.6445, 0.3130,
0.3292


 17.7628, 0.5030,
0.3764

 52.9641, 0.2991,
0.3225

 15.5910, 0.5395,
0.3761


 59.8844, 0.2873,
0.3164

 13.8363, 0.5721,
0.3713

 67.4206, 0.2773,
0.3108

 12.4877, 0.5981,
0.3633

 75.5879, 0.2689,
0.3057

 83.2147, 0.2701,
0.3194

 88.6844, 0.2711,
0.3289

Harmonies

Analogous

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



31.1223, 0.3624, 0.3271



31.1223, 0.3726, 0.3520



31.1223, 0.3657, 0.3726

Triad

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



31.1223, 0.3726, 0.3520



31.1223, 0.2863, 0.3563



31.1223, 0.2801, 0.2794

Complementary

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



31.1223, 0.3726, 0.3520



35.1578, 0.2672, 0.3047

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.



31.1223, 0.2616, 0.2844



31.1223, 0.3726, 0.3520



31.1223, 0.2651, 0.3279

Square

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



31.1223, 0.3726, 0.3520



31.1223, 0.3152, 0.3769



31.1223, 0.2563, 0.3015



31.1223, 0.3079, 0.2865

Rectangle

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



31.1223, 0.3726, 0.3520



31.1223, 0.3528, 0.3808



31.1223, 0.2563, 0.3015



31.1223, 0.2726, 0.2797

Sweetspot

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



31.1237, 0.3726, 0.3520



75.2305, 0.3277, 0.3356



27.8919, 0.3328, 0.2746



16.2977, 0.3303, 0.3367



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.



31.1237, 0.3726, 0.3520



51.5858, 0.3895, 0.3571



40.2560, 0.3619, 0.3884



9.4267, 0.3281, 0.3357



8.9207, 0.5961, 0.3649



0.4248, 0.5440, 0.4062

Inverse Universe

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



35.1578, 0.2672, 0.3047



60.0153, 0.2580, 0.2987



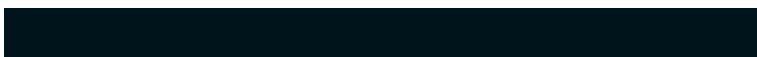
26.3304, 0.2624, 0.2615



9.7571, 0.2985, 0.3222



13.5971, 0.1980, 0.2327



0.5804, 0.2057, 0.2605

Previews

White Background



This preview shows how the Yxy color 31.1223, 0.3726, 0.3520 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 31.1223, 0.3726, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

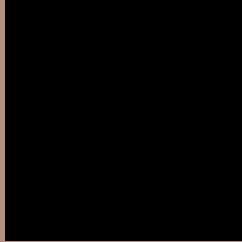
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1223, 0.3726, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 31.1223, 0.3726, 0.3520.



This preview shows how white text looks on a background with the Yxy color 31.1223, 0.3726, 0.3520.

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

31.1223, 0.3726, 0.3520

Protanopia

31.1428, 0.3405, 0.3599

Deuteranopia

31.1781, 0.3647, 0.3584



Tritanopia

31.2725, 0.3517, 0.3152

Trichromacy



Original Color

31.1223, 0.3726, 0.3520

Protanomaly

31.0070, 0.3510, 0.3562

Deuteranomaly

31.2221, 0.3684, 0.3567

Tritanomaly

31.1931, 0.3591, 0.3277

Monochromacy



Original Color

31.1223, 0.3726, 0.3520

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4010, 0.3332, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1223, 0.3726, 0.3520 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(182, 143, 127)` looks like.

```
.text, #text, p{  
    color:rgb(182, 143, 127)  
}
```

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(182, 143, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 143, 127) }
```

Border

The CSS property to change the border of an element to Yxy 31.1223, 0.3726, 0.3520 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(182, 143, 127) }
```

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

```
.border{ border-color:rgb(182, 143, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 143, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 143, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 143, 127);  
box-shadow:4px 4px 4px 4px rgb(182, 143,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1223, 0.3726, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 143, 127) }
```

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

```
.background{ background-color: rgb(182,  
143, 127) }
```

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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