

Converting Colors

$Yxy(30.4496, 0.3737, 0.3458)$

Have a look what the booklet for
Yxy(30.4496, 0.3737, 0.3458)
contains.

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Color

Yxy(30.3820, 0.3739, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	B78C80
RGB	183, 140, 128
RGB Percent	72%, 55%, 50%
CMY	0.2823, 0.4510, 0.4981
CMYK	0.00, 0.24, 0.30, 0.28
HSL	13°, 28%, 61%
HSV	13°, 30%, 72%
XYZ	32.8034, 30.3820, 24.5477
YIQ	151.4890, 29.4800, 5.3840

Conversions

Conversions Part 2

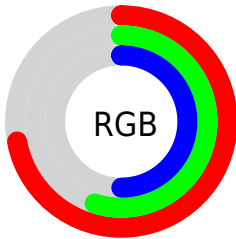
Format	Color
R _Y B	183, 143, 128
Decimal	12029056
CIE Lab	61.98, 14.59, 12.73
CIE LCh	62, 19.362, 41.097
Yxy	30.3820, 0.3739, 0.3463
Android (android.graphics.Color)	4290219136 (0xFFB78C80)
YUV	151.4890, -11.5801, 27.6351
Hunter-Lab	55.1199, 9.7708, 12.1790

Details

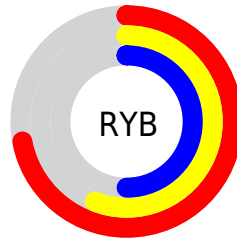
The Yxy color $30.3820, 0.3739, 0.3463$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $37.1258, 0.2680, 0.3109$, and the grayscale version is $31.2095, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.4450, 0.3611, 0.3433$, and $12.5440, 0.3951, 0.3510$ is the 20% darker color. If you saturate the color by 10%, you get $26.0328, 0.4026, 0.3523$, and if you desaturate by 10%, it is $35.3642, 0.3497, 0.3403$.

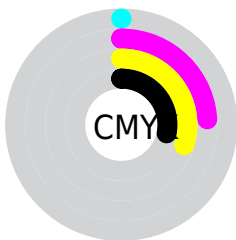
Distribution



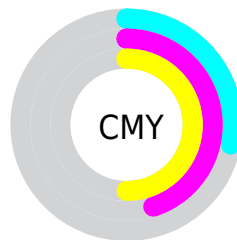
- Red (72%)
- Green (55%)
- Blue (50%)



- Red (72%)
- Yellow (56%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (28%)





- Cyan (28%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3820, 0.3739, 0.3463 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 30.3820, 0.3739, 0.3463 by changing the saturation by 10% instead.


 30.3820, 0.3739,
0.3463


 30.3820, 0.3739,
0.3463


303.6810, 0.3408,
0.3378


 20.1287, 0.3830,
0.3483

 60.2658, 0.3613,
0.3433

 12.4886, 0.3953,
0.3508


 80.6650, 0.3567,
0.3421

 7.0774, 0.4127,
0.3539


 105.2151, 0.3529,
0.3411

 3.5105, 0.4390,
0.3575

134.3003, 0.3497,
0.3403

 1.4037, 0.4897,
0.3658

168.3052, 0.3470,
0.3395

 0.2195, 0.7202,
0.2798

207.6139, 0.3447,

 0.0000, 0.0000,

0.3389

0.0000

252.6111, 0.3426,
0.3383

■ 30.3820, 0.3739,
0.3463

■ 30.3820, 0.3739,
0.3463

■ 26.0328, 0.4026,
0.3523

■ 35.3642, 0.3497,
0.3403

■ 22.2868, 0.4360,
0.3577

■ 40.9991, 0.3296,
0.3345

■ 19.1183, 0.4736,
0.3619


■ 47.3108, 0.3128,
0.3290


■ 16.4979, 0.5138,
0.3639

■ 54.3210, 0.2989,
0.3240

■ 14.3935, 0.5533,
0.3628

■ 62.0502, 0.2873,
0.3195


 12.7695, 0.5878,
0.3579

 70.5183, 0.2776,
0.3153

 11.5863, 0.6140,
0.3506

 79.6745, 0.2699,
0.3127

 88.4345, 0.2715,
0.3283

 88.8088, 0.2716,
0.3289

Harmonies

Analogous

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



30.3820, 0.3591, 0.3203



30.3820, 0.3739, 0.3463



30.3820, 0.3712, 0.3695

Triad

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



30.3820, 0.3739, 0.3463



30.3820, 0.2925, 0.3641



30.3820, 0.2728, 0.2777

Complementary

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



30.3820, 0.3739, 0.3463



37.1258, 0.2680, 0.3109

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.



30.3820, 0.2570, 0.2861



30.3820, 0.3739, 0.3463



30.3820, 0.2679, 0.3356

Square

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



30.3820, 0.3739, 0.3463



30.3820, 0.3234, 0.3820



30.3820, 0.2552, 0.3067



30.3820, 0.2997, 0.2820

Rectangle

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



30.3820, 0.3739, 0.3463



30.3820, 0.3602, 0.3802



30.3820, 0.2552, 0.3067



30.3820, 0.2661, 0.2790

Sweetspot

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



30.3834, 0.3739, 0.3463



74.4124, 0.3279, 0.3340



28.4436, 0.3287, 0.2702



16.0914, 0.3306, 0.3348



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.



30.3834, 0.3739, 0.3463



49.2030, 0.3921, 0.3502



39.4173, 0.3631, 0.3835



9.3220, 0.3282, 0.3341



8.1670, 0.6121, 0.3522



0.3807, 0.5625, 0.3916

Inverse Universe

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



37.1258, 0.2680, 0.3109



63.1746, 0.2590, 0.3064



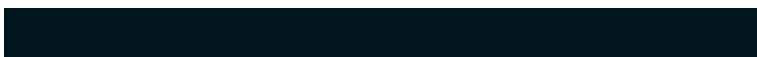
27.8222, 0.2632, 0.2677



9.8685, 0.2985, 0.3239



16.1946, 0.2050, 0.2580



0.6548, 0.2107, 0.2784

Previews

White Background



This preview shows how the Yxy color 30.3820, 0.3739, 0.3463 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 30.3820, 0.3739, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

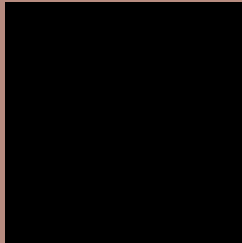
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3820, 0.3739, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 30.3820, 0.3739, 0.3463.



This preview shows how white text looks on a background with the Yxy color 30.3820, 0.3739, 0.3463.

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

30.3820, 0.3739, 0.3463

Protanopia

30.6742, 0.3366, 0.3554

Deuteranopia

30.3631, 0.3621, 0.3543



Tritanopia

30.3437, 0.3547, 0.3138

Trichromacy



Original Color

30.3820, 0.3739, 0.3463

Protanomaly

30.3035, 0.3494, 0.3518

Deuteranomaly

30.5243, 0.3670, 0.3525

Tritanomaly

30.2904, 0.3611, 0.3249

Monochromacy



Original Color

30.3820, 0.3739, 0.3463

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.6371, 0.3336, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3820, 0.3739, 0.3463 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(183, 140, 128)` looks like.

```
.text, #text, p{  
    color:rgb(183, 140, 128)  
}
```

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(183, 140, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 140, 128) }
```

Border

The CSS property to change the border of an element to Yxy 30.3820, 0.3739, 0.3463 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(183, 140, 128) }
```

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

```
.border{ border-color:rgb(183, 140, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 140, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 140, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 140, 128); box-shadow:4px 4px 4px 4px rgb(183, 140, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3820, 0.3739, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 140, 128) }
```

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

```
.background{ background-color: rgb(183,  
140, 128) }
```

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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