

Converting Colors

$Y_{xy}(32.2402, 0.3724, 0.3535)$

Have a look what the booklet for
Yxy(32.2402, 0.3724, 0.3535)
contains.

Yxy(32.3066, 0.3725, 0.3546)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.3066, 0.3725, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	B89280
RGB	184, 146, 128
RGB Percent	72%, 57%, 50%
CMY	0.2785, 0.4274, 0.4981
CMYK	0.00, 0.21, 0.30, 0.28
HSL	19°, 28%, 61%
HSV	19°, 30%, 72%
XYZ	33.9374, 32.3066, 24.8631
YIQ	155.3100, 28.4260, 2.4580

Conversions

Conversions Part 2

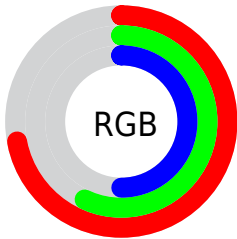
Format	Color
RYB	184, 155, 128
Decimal	12096128
CIELab	63.60, 11.63, 14.99
CIElCh	64, 18.975, 52.182
Yxy	32.3066, 0.3725, 0.3546
Android (android.graphics.Color)	4290286208 (0xFFB89280)
YUV	155.3100, -13.4638, 25.1611
Hunter-Lab	56.8389, 7.1109, 13.8519

Details

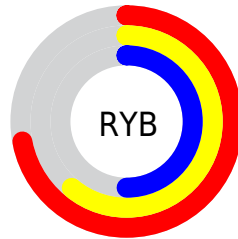
The Yxy color **32.3066, 0.3725, 0.3546** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.3007, 0.2665, 0.3018**, and the grayscale version is **32.9738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3455, 0.3604, 0.3497**, and **13.4948, 0.3930, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **28.2282, 0.3992, 0.3633**, and if you desaturate by 10%, it is **36.8955, 0.3495, 0.3458**.

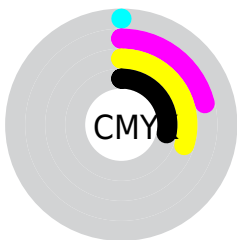
Distribution



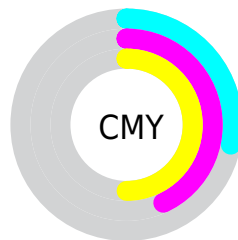
- Red (72%)
- Green (57%)
- Blue (50%)



- Red (72%)
- Yellow (61%)
- Blue (50%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (28%)





- Cyan (28%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3066, 0.3725, 0.3546 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 32.3066, 0.3725, 0.3546 by changing the saturation by 10% instead.


 32.3066, 0.3725,
0.3546


 32.3066, 0.3725,
0.3546


312.5136, 0.3405,
0.3417


 21.5958, 0.3812,
0.3578


 63.2914, 0.3604,
0.3499

 13.5602, 0.3927,
0.3618


 84.3342, 0.3560,
0.3482

 7.8154, 0.4089,
0.3670


 109.5899, 0.3523,
0.3467

 3.9771, 0.4329,
0.3737

139.4426, 0.3492,
0.3454

 1.6607, 0.4767,
0.3860

174.2770, 0.3466,
0.3443

 0.3980, 0.6246,
0.3754

214.4774, 0.3443,

 0.0000, 0.0000,

0.3433

0.0000

260.4281, 0.3423,
0.3425

■ 32.3066, 0.3725,
0.3546

■ 32.3066, 0.3725,
0.3546

■ 28.2282, 0.3992,
0.3633

■ 36.8955, 0.3495,
0.3458

■ 24.6376, 0.4297,
0.3714

■ 42.0075, 0.3299,
0.3373

■ 21.5170, 0.4634,
0.3780

■ 47.6606, 0.3134,
0.3293


■ 18.8457, 0.4991,
0.3818


■ 53.8702, 0.2994,
0.3219

■ 16.6012, 0.5342,
0.3819

■ 60.6515, 0.2875,
0.3151

 14.7588, 0.5656,
0.3772

 68.0187, 0.2774,
0.3089

 13.3408, 0.5906,
0.3692

 75.8714, 0.2696,
0.3052

 83.1984, 0.2711,
0.3190

 88.9276, 0.2721,
0.3289

Harmonies

Analogous

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



32.3066, 0.3643, 0.3299



32.3066, 0.3725, 0.3546



32.3066, 0.3638, 0.3743

Triad

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



32.3066, 0.3725, 0.3546



32.3066, 0.2835, 0.3532



32.3066, 0.2829, 0.2798

Complementary

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



32.3066, 0.3725, 0.3546



35.3007, 0.2665, 0.3018

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.



32.3066, 0.2633, 0.2833



32.3066, 0.3725, 0.3546



32.3066, 0.2636, 0.3247

Square

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



32.3066, 0.3725, 0.3546



32.3066, 0.3118, 0.3751



32.3066, 0.2564, 0.2991



32.3066, 0.3114, 0.2881

Rectangle

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



32.3066, 0.3725, 0.3546



32.3066, 0.3500, 0.3814



32.3066, 0.2564, 0.2991



32.3066, 0.2751, 0.2796

Sweetspot

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



32.3081, 0.3725, 0.3546



77.4318, 0.3277, 0.3363



28.3839, 0.3350, 0.2766



16.3865, 0.3302, 0.3375



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.



32.3081, 0.3725, 0.3546



53.1770, 0.3913, 0.3609



41.9067, 0.3617, 0.3913



9.4718, 0.3280, 0.3364



9.3121, 0.5884, 0.3710



0.4437, 0.5369, 0.4119

Inverse Universe

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



35.3007, 0.2665, 0.3018



59.5120, 0.2560, 0.2942



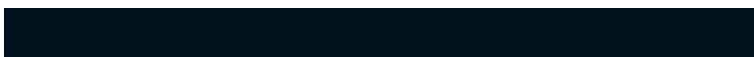
26.2963, 0.2616, 0.2579



9.7098, 0.2985, 0.3215



12.5821, 0.1949, 0.2217



0.5504, 0.2035, 0.2527

Previews

White Background



This preview shows how the Yxy color 32.3066, 0.3725, 0.3546 looks on a white background.

Color Contrast Check

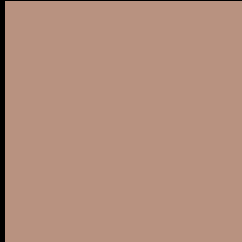
Large Text (above 18pt) WCAG AA × Fail

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 32.3066, 0.3725, 0.3546 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 32.3066, 0.3725, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 32.3066, 0.3725, 0.3546.



This preview shows how white text looks on a background with the Yxy color 32.3066, 0.3725, 0.3546.

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

32.3066, 0.3725, 0.3546

Protanopia

32.4585, 0.3419, 0.3624

Deuteranopia

32.2033, 0.3651, 0.3580



Tritanopia

32.2107, 0.3501, 0.3140

Trichromacy



Original Color

32.3066, 0.3725, 0.3546

Protanomaly

32.3180, 0.3523, 0.3587

Deuteranomaly

32.1292, 0.3677, 0.3564

Tritanomaly

32.0976, 0.3585, 0.3277

Monochromacy



Original Color

32.3066, 0.3725, 0.3546

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.6078, 0.3338, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3066, 0.3725, 0.3546 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, 146, 128)` looks like.

```
.text, #text, p{  
    color:rgb(184, 146, 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(184, 146, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 146, 128) }
```

Border

The CSS property to change the border of an element to Yxy 32.3066, 0.3725, 0.3546 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, 146, 128) }
```

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

```
.border{ border-color:rgb(184, 146, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 146, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 146, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 146, 128);  
box-shadow:4px 4px 4px 4px rgb(184, 146,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3066, 0.3725, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 146, 128) }
```

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

```
.background{ background-color: rgb(184,  
146, 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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