

Converting Colors

$Y_{xy}(32.5199, 0.4060, 0.3733)$

Have a look what the booklet for
Yxy(32.5199, 0.4060, 0.3733)
contains.

Yxy(32.5065, 0.4066, 0.3733)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.5065, 0.4066, 0.3733)

Conversions

Conversions Part 1

Format	Color
Hex	C48F6E
RGB	196, 143, 110
RGB Percent	77%, 56%, 43%
CMY	0.2313, 0.4392, 0.5685
CMYK	0.00, 0.27, 0.44, 0.23
HSL	23°, 42%, 60%
HSV	23°, 44%, 77%
XYZ	35.4062, 32.5065, 19.1660
YIQ	155.0850, 42.1810, 0.9730

Conversions

Conversions Part 2

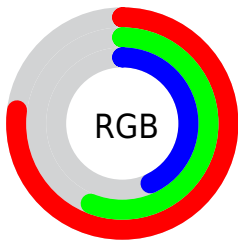
Format	Color
RYB	196, 164, 110
Decimal	12881774
CIELab	63.76, 15.97, 25.43
CIElCh	64, 30.030, 57.865
Yxy	32.5065, 0.4066, 0.3733
Android (android.graphics.Color)	4291071854 (0xFFC48F6E)
YUV	155.0850, -22.2269, 35.8825
Hunter-Lab	57.0145, 11.0739, 19.9792

Details

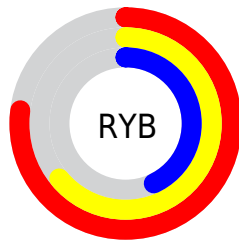
The Yxy color **32.5065, 0.4066, 0.3733** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **33.5127, 0.2455, 0.2789**, and the grayscale version is **32.9061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6120, 0.3874, 0.3658**, and **13.7520, 0.4365, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **28.6920, 0.4364, 0.3825**, and if you desaturate by 10%, it is **36.8096, 0.3798, 0.3631**.

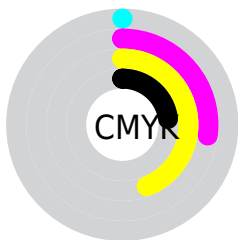
Distribution



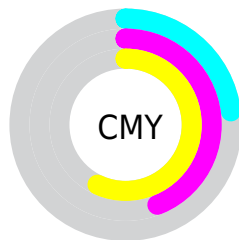
- Red (77%)
- Green (56%)
- Blue (43%)



- Red (77%)
- Yellow (64%)
- Blue (43%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (23%)




- Cyan (23%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5065, 0.4066, 0.3733 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 32.5065, 0.4066, 0.3733 by changing the saturation by 10% instead.


 32.5065, 0.4066,
0.3733


 32.5065, 0.4066,
0.3733


313.4201, 0.3567,
0.3517


 21.7487, 0.4199,
0.3782


 63.6043, 0.3878,
0.3657

 13.6723, 0.4373,
0.3841


 84.7130, 0.3810,
0.3628

 7.8931, 0.4609,
0.3909


 110.0408, 0.3752,
0.3603

 4.0266, 0.4942,
0.3980

 139.9721, 0.3704,
0.3581

 1.6885, 0.5748,
0.4252

174.8913, 0.3662,
0.3562

 0.4162, 0.6537,
0.3463

215.1828, 0.3626,

 0.0000, 0.0000,

0.3545

0.0000

261.2309, 0.3595,
0.3531

■ 32.5065, 0.4066,
0.3733

■ 32.5065, 0.4066,
0.3733

■ 28.6920, 0.4364,
0.3825

■ 36.8096, 0.3798,
0.3631

■ 25.3426, 0.4686,
0.3897

■ 41.6140, 0.3564,
0.3526

■ 22.4400, 0.5016,
0.3935


■ 46.9379, 0.3361,
0.3423


■ 19.9624, 0.5331,
0.3929

■ 52.7970, 0.3187,
0.3326


■ 17.8852, 0.5603,
0.3870


■ 59.2064, 0.3039,
0.3235

 16.7920, 0.5750,
0.3817

 66.1803, 0.2912,
0.3151

 73.7328, 0.2803,
0.3074

 81.0911, 0.2771,
0.3126

 88.4329, 0.2781,
0.3255

Harmonies

Analogous

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



32.5065, 0.3992, 0.3360



32.5065, 0.4066, 0.3733



32.5065, 0.3870, 0.4032

Triad

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



32.5065, 0.4066, 0.3733



32.5065, 0.2595, 0.3590



32.5065, 0.2733, 0.2551

Complementary

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



32.5065, 0.4066, 0.3733



33.5127, 0.2455, 0.2789

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.



32.5065, 0.2407, 0.2558



32.5065, 0.4066, 0.3733



32.5065, 0.2331, 0.3121

Square

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



32.5065, 0.4066, 0.3733



32.5065, 0.3011, 0.3990



32.5065, 0.2267, 0.2751



32.5065, 0.3189, 0.2709

Rectangle

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



32.5065, 0.4066, 0.3733



32.5065, 0.3624, 0.4137



32.5065, 0.2267, 0.2751



32.5065, 0.2607, 0.2533

Sweetspot

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



32.5081, 0.4066, 0.3733



85.6914, 0.3349, 0.3417



25.5410, 0.3558, 0.2599



17.8579, 0.3391, 0.3439



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



32.5081, 0.4066, 0.3733



51.9926, 0.4363, 0.3825



47.9758, 0.3822, 0.4251



10.6969, 0.3280, 0.3379



10.9426, 0.5725, 0.3836



0.6063, 0.5308, 0.4167

Inverse Universe

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



33.5127, 0.2455, 0.2789



53.9986, 0.2316, 0.2651



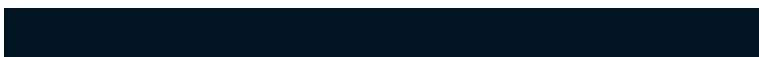
20.7489, 0.2338, 0.2098



10.7587, 0.2984, 0.3200



11.4942, 0.1888, 0.1997



0.6266, 0.1977, 0.2317

Previews

White Background



This preview shows how the Yxy color 32.5065, 0.4066, 0.3733 looks on a white background.

Color Contrast Check

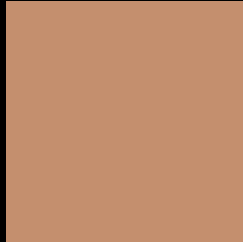
Large Text (above 18pt) WCAG AA × Fail

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 32.5065, 0.4066, 0.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

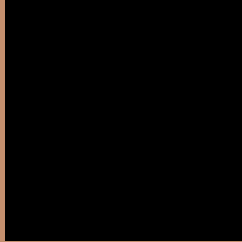
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5065, 0.4066, 0.3733

Background



This preview shows how black text looks on a background with the Yxy color 32.5065, 0.4066, 0.3733.



This preview shows how white text looks on a background with the Yxy color 32.5065, 0.4066, 0.3733.

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

32.5065, 0.4066, 0.3733

Protanopia

32.7875, 0.3624, 0.3891

Deuteranopia

32.4743, 0.3915, 0.3839



Tritanopia

32.5944, 0.3709, 0.3160

Trichromacy



Original Color

32.5065, 0.4066, 0.3733

Protanomaly

32.6726, 0.3782, 0.3840

Deuteranomaly

32.3533, 0.3971, 0.3803

Tritanomaly

32.6195, 0.3849, 0.3372

Monochromacy



Original Color

32.5065, 0.4066, 0.3733

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.5433, 0.3442, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5065, 0.4066, 0.3733 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(196, 143, 110)` looks like.

```
.text, #text, p{  
    color:rgb(196, 143, 110)  
}
```

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(196, 143, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 143, 110) }
```

Border

The CSS property to change the border of an element to Yxy 32.5065, 0.4066, 0.3733 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(196, 143, 110) }
```

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

```
.border{ border-color:rgb(196, 143, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 143, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 143, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 143, 110);  
box-shadow:4px 4px 4px 4px rgb(196, 143,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5065, 0.4066, 0.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 143, 110) }
```

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

```
.background{ background-color: rgb(196,  
143, 110) }
```

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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