

Converting Colors

$Y_{xy}(32.6745, 0.4051, 0.3390)$

Have a look what the booklet for
Yxy(32.6745, 0.4051, 0.3390)
contains.

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Color

Yxy(32.7221, 0.4045, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	D18880
RGB	209, 136, 128
RGB Percent	82%, 53%, 50%
CMY	0.1803, 0.4667, 0.4979
CMYK	0.00, 0.35, 0.39, 0.18
HSL	6°, 47%, 66%
HSV	6°, 39%, 82%
XYZ	38.9985, 32.7221, 24.6910
YIQ	156.9150, 46.0760, 12.9880

Conversions

Conversions Part 2

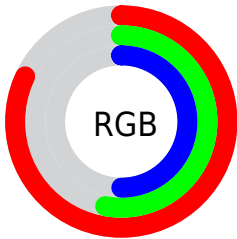
Format	Color
R _Y B	209, 137, 128
Decimal	13731968
CIE Lab	63.94, 26.99, 15.86
CIE LCh	64, 31.306, 30.434
Yxy	32.7221, 0.4045, 0.3394
Android (android.graphics.Color)	4291922048 (0xFFD18880)
YUV	156.9150, -14.2551, 45.6785
Hunter-Lab	57.2032, 21.5873, 14.4505

Details

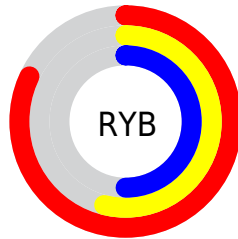
The Yxy color **32.7221, 0.4045, 0.3394** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.9865, 0.2577, 0.3181**, and the grayscale version is **33.7280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4231, 0.3748, 0.3386**, and **13.7369, 0.4351, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **27.3795, 0.4413, 0.3419**, and if you desaturate by 10%, it is **39.1143, 0.3736, 0.3366**.

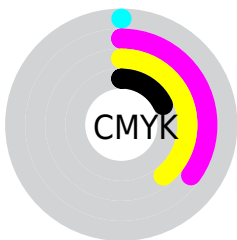
Distribution



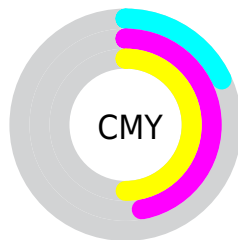
- Red (82%)
- Green (53%)
- Blue (50%)



- Red (82%)
- Yellow (54%)
- Blue (50%)



- Cyan (0%)
- Magenta (35%)
- Yellow (39%)
- Black (18%)





- Cyan (18%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7221, 0.4045, 0.3394 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 32.7221, 0.4045, 0.3394 by changing the saturation by 10% instead.


 32.7221, 0.4045,
0.3394


 32.7221, 0.4045,
0.3394


314.3956, 0.3554,
0.3355


 21.9136, 0.4178,
0.3398


 63.9414, 0.3859,
0.3383

 13.7935, 0.4354,
0.3400


 85.1211, 0.3792,
0.3378

 7.9772, 0.4599,
0.3394


 110.5266, 0.3735,
0.3373

 4.0803, 0.4958,
0.3369

140.5423, 0.3688,
0.3369

 1.7186, 0.5578,
0.3319

175.5527, 0.3647,
0.3365

 0.4357, 0.7153,
0.2847

215.9421, 0.3612,

 0.0000, 1.0000,

0.3361

0.0000

262.0950, 0.3581,
0.3358

■ 0.0000, 0.0000,
0.0000

■ 32.7221, 0.4045,
0.3394

■ 32.7221, 0.4045,
0.3394

■ 27.3795, 0.4413,
0.3419

■ 39.1143, 0.3736,
0.3366

■ 23.0259, 0.4833,
0.3437

■ 46.6031, 0.3482,
0.3338

■ 19.6018, 0.5285,
0.3443

■ 55.2383, 0.3276,
0.3312

■ 17.0393, 0.5720,
0.3431

■ 65.0653, 0.3108,
0.3287

■ 15.2612, 0.6077,
0.3400

■ 76.1270, 0.2971,
0.3264

■ 14.1729, 0.6308,
0.3359

■ 88.4643, 0.2860,
0.3244

■ 14.0777, 0.6330,
0.3356

■ 92.2969, 0.2855,
0.3289

Harmonies

Analogous

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



32.7221, 0.3720, 0.3015



32.7221, 0.4045, 0.3394



32.7221, 0.4096, 0.3778

Triad

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



32.7221, 0.4045, 0.3394



32.7221, 0.2964, 0.3993



32.7221, 0.2402, 0.2522

Complementary

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



32.7221, 0.4045, 0.3394



50.9865, 0.2577, 0.3181

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.



32.7221, 0.2240, 0.2704



32.7221, 0.4045, 0.3394



32.7221, 0.2543, 0.3560

Square

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



32.7221, 0.4045, 0.3394



32.7221, 0.3451, 0.4182



32.7221, 0.2287, 0.3073



32.7221, 0.2754, 0.2532

Rectangle

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



32.7221, 0.4045, 0.3394



32.7221, 0.3972, 0.3995



32.7221, 0.2287, 0.3073



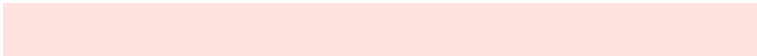
32.7221, 0.2326, 0.2561

Sweetspot

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



32.7237, 0.4045, 0.3394



81.8275, 0.3341, 0.3321



33.2786, 0.3238, 0.2410



17.1266, 0.3368, 0.3324



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.



32.7237, 0.4045, 0.3394



44.6594, 0.4326, 0.3414



45.8800, 0.3851, 0.3877



11.9927, 0.3288, 0.3314



8.7454, 0.6316, 0.3367



0.5545, 0.6084, 0.3551

Inverse Universe

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



50.9865, 0.2577, 0.3181



76.9705, 0.2487, 0.3156



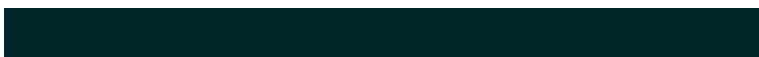
34.9546, 0.2493, 0.2617



13.1998, 0.2983, 0.3266



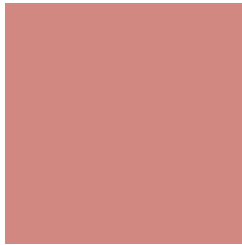
25.2082, 0.2161, 0.2980



1.4684, 0.2178, 0.3042

Previews

White Background



This preview shows how the Yxy color 32.7221, 0.4045, 0.3394 looks on a white background.

Color Contrast Check

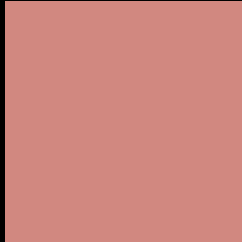
Large Text (above 18pt) WCAG AA × Fail

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 32.7221, 0.4045, 0.3394 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 32.7221, 0.4045, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 32.7221, 0.4045, 0.3394.



This preview shows how white text looks on a background with the Yxy color 32.7221, 0.4045, 0.3394.

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

32.7221, 0.4045, 0.3394

Protanopia

32.9302, 0.3368, 0.3562

Deuteranopia

32.8250, 0.3701, 0.3619



Tritanopia

32.7654, 0.3878, 0.3166

Trichromacy



Original Color

32.7221, 0.4045, 0.3394

Protanomaly

32.4847, 0.3599, 0.3492

Deuteranomaly

32.5552, 0.3821, 0.3525

Tritanomaly

32.8646, 0.3944, 0.3254

Monochromacy



Original Color

32.7221, 0.4045, 0.3394

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.8003, 0.3440, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7221, 0.4045, 0.3394 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(209, 136, 128)` looks like.

```
.text, #text, p{  
    color:rgb(209, 136, 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(209, 136, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 136, 128) }
```

Border

The CSS property to change the border of an element to Yxy 32.7221, 0.4045, 0.3394 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(209, 136, 128) }
```

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

```
.border{ border-color:rgb(209, 136, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 136, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 136, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 136, 128);  
box-shadow:4px 4px 4px 4px rgb(209, 136,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7221, 0.4045, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 136, 128) }
```

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

```
.background{ background-color: rgb(209,  
136, 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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