

Converting Colors

Yxy(33.0720, 0.4269, 0.3586)

Have a look what the booklet for
Yxy(33.0720, 0.4269, 0.3586)
contains.

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Color

Yxy(32.9243, 0.4271, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	D58870
RGB	213, 136, 112
RGB Percent	84%, 53%, 44%
CMY	0.1647, 0.4666, 0.5608
CMYK	0.00, 0.36, 0.47, 0.16
HSL	14°, 55%, 64%
HSV	14°, 47%, 84%
XYZ	39.1698, 32.9243, 19.6170
YIQ	156.2870, 53.5960, 8.8600

Conversions

Conversions Part 2

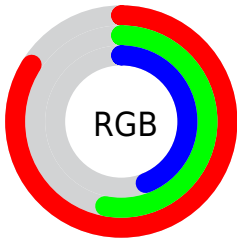
Format	Color
R _{YB}	213, 143, 112
Decimal	13994096
CIE Lab	64.10, 26.83, 25.14
CIE LCh	64, 36.768, 43.145
Yxy	32.9243, 0.4271, 0.3590
Android (android.graphics.Color)	4292184176 (0xFFD58870)
YUV	156.2870, -21.8335, 49.7373
Hunter-Lab	57.3797, 21.4372, 19.8957

Details

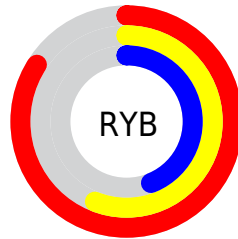
The Yxy color **32.9243, 0.4271, 0.3590** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.6399, 0.2440, 0.2953**, and the grayscale version is **33.4628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7672, 0.3892, 0.3565**, and **13.8357, 0.4642, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **28.2738, 0.4636, 0.3640**, and if you desaturate by 10%, it is **38.3831, 0.3949, 0.3528**.

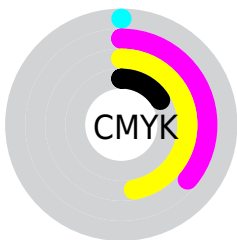
Distribution



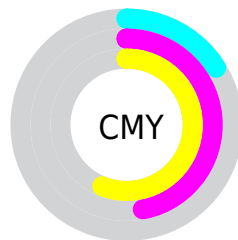
- Red (84%)
- Green (53%)
- Blue (44%)



- Red (84%)
- Yellow (56%)
- Blue (44%)



- Cyan (0%)
- Magenta (36%)
- Yellow (47%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9243, 0.4271, 0.3590 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 32.9243, 0.4271, 0.3590 by changing the saturation by 10% instead.


 32.9243, 0.4271,
0.3590


 32.9243, 0.4271,
0.3590


315.3085, 0.3662,
0.3459


 22.0685, 0.4433,
0.3613


 64.2573, 0.4042,
0.3549


 13.9072, 0.4644,
0.3636


 85.5033, 0.3958,
0.3531

 8.0562, 0.4932,
0.3652


 110.9814, 0.3888,
0.3516

 4.1309, 0.5336,
0.3642

 141.0761, 0.3829,
0.3502

 1.7471, 0.6255,
0.3745

176.1718, 0.3779,
0.3489

 0.4538, 0.7099,
0.2901

216.6528, 0.3735,


 0.0000, 1.0000,


0.3478

0.0000


262.9036, 0.3696,
0.3468

 0.0000, 0.0000,
0.0000


 32.9243, 0.4271,
0.3590


 32.9243, 0.4271,
0.3590


 28.2738, 0.4636,
0.3640


 38.3831, 0.3949,
0.3528


 24.3877, 0.5030,
0.3670

 44.6817, 0.3674,
0.3462


 21.2249, 0.5426,
0.3667


 51.8558, 0.3443,
0.3397


 18.7386, 0.5782,
0.3625

 59.9376, 0.3249,
0.3334

 16.8741, 0.6057,
0.3545

 68.9576, 0.3088,
0.3275

 16.4826, 0.6118,
0.3525

 78.9448, 0.2955,
0.3222

 89.5283, 0.2875,
0.3234

 92.8867, 0.2877,
0.3289

Harmonies

Analogous

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



32.9243, 0.4018, 0.3144



32.9243, 0.4271, 0.3590



32.9243, 0.4179, 0.4013

Triad

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



32.9243, 0.4271, 0.3590



32.9243, 0.2706, 0.3931



32.9243, 0.2434, 0.2384

Complementary

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



32.9243, 0.4271, 0.3590



44.6399, 0.2440, 0.2953

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.



32.9243, 0.2154, 0.2490



32.9243, 0.4271, 0.3590



32.9243, 0.2294, 0.3352

Square

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



32.9243, 0.4271, 0.3590



32.9243, 0.3255, 0.4297



32.9243, 0.2104, 0.2822



32.9243, 0.2913, 0.2482

Rectangle

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



32.9243, 0.4271, 0.3590



32.9243, 0.3949, 0.4229



32.9243, 0.2104, 0.2822



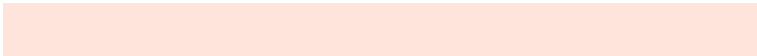
32.9243, 0.2316, 0.2395

Sweetspot

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



32.9259, 0.4271, 0.3590



81.7598, 0.3375, 0.3376



29.4263, 0.3432, 0.2378



16.9515, 0.3420, 0.3390



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.



32.9259, 0.4271, 0.3590



42.3861, 0.4642, 0.3641



50.4626, 0.3964, 0.4172



12.8953, 0.3285, 0.3346



10.2004, 0.6094, 0.3543



0.7449, 0.5751, 0.3815

Inverse Universe

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



44.6399, 0.2440, 0.2953



61.9341, 0.2322, 0.2867



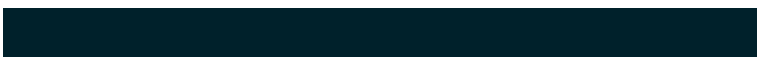
26.6930, 0.2302, 0.2202



13.5842, 0.2982, 0.3233



18.9625, 0.2030, 0.2508



1.2672, 0.2072, 0.2658

Previews

White Background



This preview shows how the Yxy color 32.9243, 0.4271, 0.3590 looks on a white background.

Color Contrast Check

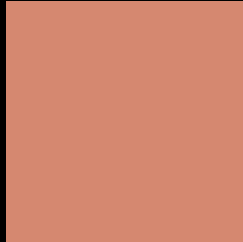
Large Text (above 18pt) WCAG AA × Fail

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 32.9243, 0.4271, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

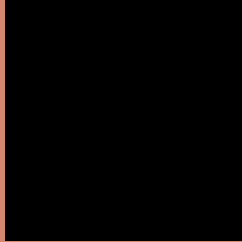
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9243, 0.4271, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 32.9243, 0.4271, 0.3590.



This preview shows how white text looks on a background with the Yxy color 32.9243, 0.4271, 0.3590.

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

32.9243, 0.4271, 0.3590

Protanopia

33.2644, 0.3562, 0.3815

Deuteranopia

32.9350, 0.3911, 0.3837



Tritanopia

32.9026, 0.3964, 0.3169

Trichromacy



Original Color

32.9243, 0.4271, 0.3590

Protanomaly

32.8702, 0.3806, 0.3730

Deuteranomaly

32.6963, 0.4038, 0.3735

Tritanomaly

32.7099, 0.4079, 0.3318

Monochromacy



Original Color

32.9243, 0.4271, 0.3590

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.7355, 0.3512, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9243, 0.4271, 0.3590 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(213, 136, 112)` looks like.

```
.text, #text, p{  
    color:rgb(213, 136, 112)  
}
```

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(213, 136, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 136, 112) }
```

Border

The CSS property to change the border of an element to Yxy 32.9243, 0.4271, 0.3590 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(213, 136, 112) }
```

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

```
.border{ border-color:rgb(213, 136, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 136, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 136, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 136, 112);  
box-shadow:4px 4px 4px 4px rgb(213, 136,  
112) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.9243, 0.4271, 0.3590$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 136, 112) }
```

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

```
.background{ background-color: rgb(213,  
136, 112) }
```

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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