

Converting Colors

$Y_{xy}(32.0601, 0.4328, 0.3455)$

Have a look what the booklet for
Yxy(32.0601, 0.4328, 0.3455)
contains.

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Color

Yxy(32.0215, 0.4333, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	DB8174
RGB	219, 129, 116
RGB Percent	86%, 51%, 45%
CMY	0.1411, 0.4941, 0.5452
CMYK	0.00, 0.41, 0.47, 0.14
HSL	8°, 59%, 66%
HSV	8°, 47%, 86%
XYZ	40.2171, 32.0215, 20.5773
YIQ	154.4280, 57.8130, 15.0370

Conversions

Conversions Part 2

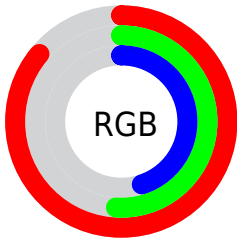
Format	Color
R _Y B	219, 131, 116
Decimal	14385524
CIE Lab	63.36, 33.30, 22.06
CIE LCh	63, 39.941, 33.518
Yxy	32.0215, 0.4333, 0.3450
Android (android.graphics.Color)	4292575604 (0xFFDB8174)
YUV	154.4280, -18.9450, 56.6296
Hunter-Lab	56.5875, 27.8330, 18.0513

Details

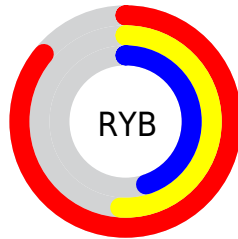
The Yxy color **32.0215, 0.4333, 0.3450** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.9623, 0.2473, 0.3115**, and the grayscale version is **32.5789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9541, 0.3884, 0.3450**, and **13.4432, 0.4735, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **26.9949, 0.4738, 0.3475**, and if you desaturate by 10%, it is **38.1152, 0.3981, 0.3417**.

Distribution



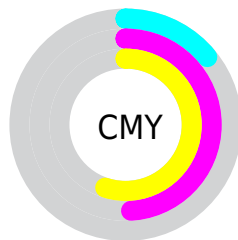
- Red (86%)
- Green (51%)
- Blue (45%)



- Red (86%)
- Yellow (51%)
- Blue (45%)



- Cyan (0%)
- Magenta (41%)
- Yellow (47%)
- Black (14%)





- Cyan (14%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0215, 0.4333, 0.3450 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 32.0215, 0.4333, 0.3450 by changing the saturation by 10% instead.


 32.0215, 0.4333,
0.3450


 32.0215, 0.4333,
0.3450


311.2172, 0.3687,
0.3393

 21.3779, 0.4506,
0.3454


 62.8448, 0.4089,
0.3436

 13.4005, 0.4735,
0.3451


 83.7933, 0.4000,
0.3429

 7.7049, 0.5047,
0.3433


 108.9456, 0.3926,
0.3422

 3.9067, 0.5493,
0.3376

138.6860, 0.3863,
0.3415

 1.6215, 0.6476,
0.3381

173.3990, 0.3810,
0.3409

 0.3720, 0.7648,
0.2352

213.4689, 0.3763,

 0.0000, 1.0000,

0.3404

0.0000

259.2802, 0.3723,
0.3398

0.0000, 0.0000,
0.0000

32.0215, 0.4333,
0.3450

32.0215, 0.4333,
0.3450

26.9949, 0.4738,
0.3475

38.1152, 0.3981,
0.3417

22.9690, 0.5178,
0.3487

45.3275, 0.3686,
0.3382

19.8780, 0.5614,
0.3477


53.7124, 0.3443,
0.3346

17.6455, 0.5988,
0.3444


63.3190, 0.3245,
0.3312

16.1824, 0.6245,
0.3391

74.1937, 0.3083,
0.3281

 15.8771, 0.6302,
0.3378

 86.3803, 0.2950,
0.3252

 93.8015, 0.2912,
0.3289

Harmonies

Analogous

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



32.0215, 0.3944, 0.2981



32.0215, 0.4333, 0.3450



32.0215, 0.4348, 0.3928

Triad

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



32.0215, 0.4333, 0.3450



32.0215, 0.2845, 0.4168



32.0215, 0.2250, 0.2317

Complementary

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



32.0215, 0.4333, 0.3450



52.9623, 0.2473, 0.3115

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.



32.0215, 0.2027, 0.2504



32.0215, 0.4333, 0.3450



32.0215, 0.2337, 0.3567

Square

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



32.0215, 0.4333, 0.3450



32.0215, 0.3459, 0.4445



32.0215, 0.2054, 0.2938



32.0215, 0.2704, 0.2359

Rectangle

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



32.0215, 0.4333, 0.3450



32.0215, 0.4157, 0.4205



32.0215, 0.2054, 0.2938



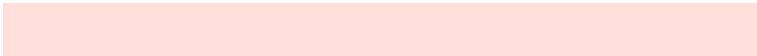
32.0215, 0.2149, 0.2352

Sweetspot

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



32.0231, 0.4333, 0.3450



79.6009, 0.3381, 0.3336



32.0519, 0.3301, 0.2265



16.4321, 0.3427, 0.3344



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.



32.0231, 0.4333, 0.3450



38.4663, 0.4714, 0.3474



48.7687, 0.4025, 0.4040



13.3154, 0.3288, 0.3320



9.5006, 0.6285, 0.3391



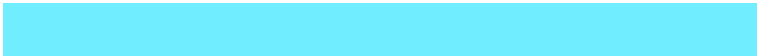
0.7045, 0.6037, 0.3588

Inverse Universe

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



52.9623, 0.2473, 0.3115



71.2169, 0.2375, 0.3074



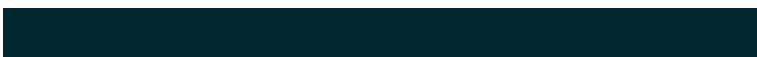
32.4272, 0.2340, 0.2387



14.5340, 0.2982, 0.3260



25.3211, 0.2136, 0.2888



1.7207, 0.2155, 0.2959

Previews

White Background



This preview shows how the Yxy color 32.0215, 0.4333, 0.3450 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 32.0215, 0.4333, 0.3450 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 32.0215, 0.4333, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 32.0215, 0.4333, 0.3450.



This preview shows how white text looks on a background with the Yxy color 32.0215, 0.4333, 0.3450.

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

32.0215, 0.4333, 0.3450

Protanopia

32.4300, 0.3479, 0.3700

Deuteranopia

32.0048, 0.3857, 0.3775



Tritanopia

32.0431, 0.4140, 0.3185

Trichromacy



Original Color

32.0215, 0.4333, 0.3450

Protanomaly

31.7481, 0.3772, 0.3604

Deuteranomaly

31.5732, 0.4029, 0.3643

Tritanomaly

31.9529, 0.4210, 0.3281

Monochromacy



Original Color

32.0215, 0.4333, 0.3450

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6092, 0.3534, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0215, 0.4333, 0.3450 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(219, 129, 116)` looks like.

```
.text, #text, p{  
    color:rgb(219, 129, 116)  
}
```

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(219, 129, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 129, 116) }
```

Border

The CSS property to change the border of an element to Yxy 32.0215, 0.4333, 0.3450 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(219, 129, 116) }
```

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

```
.border{ border-color:rgb(219, 129, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 129, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 129, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 129, 116);  
box-shadow:4px 4px 4px 4px rgb(219, 129,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0215, 0.4333, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 129, 116) }
```

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

```
.background{ background-color: rgb(219,  
129, 116) }
```

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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