

Converting Colors

$Y_{xy}(32.0283, 0.4292, 0.3520)$

Have a look what the booklet for
Yxy(32.0283, 0.4292, 0.3520)
contains.

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Color

Yxy(32.0136, 0.4284, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	D68472
RGB	214, 132, 114
RGB Percent	84%, 52%, 45%
CMY	0.1608, 0.4823, 0.5529
CMYK	0.00, 0.38, 0.47, 0.16
HSL	11°, 55%, 64%
HSV	11°, 47%, 84%
XYZ	39.0174, 32.0136, 20.0461
YIQ	154.4660, 54.6500, 11.7860

Conversions

Conversions Part 2

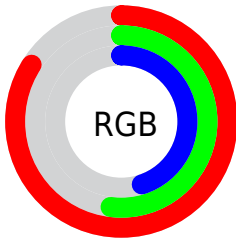
Format	Color
R _Y B	214, 136, 114
Decimal	14058610
CIE Lab	63.35, 29.56, 23.04
CIE LCh	63, 37.477, 37.938
Yxy	32.0136, 0.4284, 0.3515
Android (android.graphics.Color)	4292248690 (0xFFD68472)
YUV	154.4660, -19.9497, 52.2113
Hunter-Lab	56.5806, 24.0760, 18.6004

Details

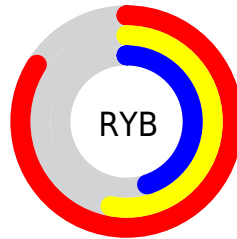
The Yxy color **32.0136, 0.4284, 0.3515** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.9057, 0.2464, 0.3041**, and the grayscale version is **32.6034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1310, 0.3890, 0.3502**, and **13.3461, 0.4668, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **27.2178, 0.4667, 0.3553**, and if you desaturate by 10%, it is **37.7270, 0.3950, 0.3468**.

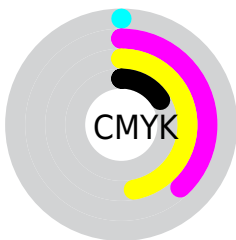
Distribution



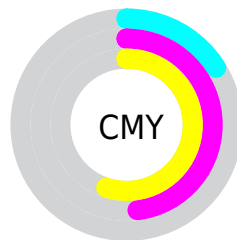
- Red (84%)
- Green (52%)
- Blue (45%)



- Red (84%)
- Yellow (53%)
- Blue (45%)



- Cyan (0%)
- Magenta (38%)
- Yellow (47%)
- Black (16%)





- Cyan (16%)
- Magenta (48%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0136, 0.4284, 0.3515 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 32.0136, 0.4284, 0.3515 by changing the saturation by 10% instead.


 32.0136, 0.4284,
0.3515

 32.0136, 0.4284,
0.3515


311.1812, 0.3665,
0.3423

 21.3719, 0.4450,
0.3528


 62.8324, 0.4050,
0.3488

 13.3961, 0.4669,
0.3539


 83.7783, 0.3965,
0.3476

 7.7019, 0.4968,
0.3538


 108.9277, 0.3894,
0.3465

 3.9048, 0.5395,
0.3506

 138.6650, 0.3834,
0.3454

 1.6204, 0.6408,
0.3592

173.3746, 0.3782,
0.3445

 0.3713, 0.7470,
0.2530

213.4409, 0.3738,


 0.0000, 1.0000,

0.3437


0.0000


259.2483, 0.3699,
0.3430

 0.0000, 0.0000,
0.0000


 32.0136, 0.4284,
0.3515


 32.0136, 0.4284,
0.3515


 27.2178, 0.4667,
0.3553


 37.7270, 0.3950,
0.3468


 23.2865, 0.5085,
0.3573


 44.3975, 0.3667,
0.3418

 20.1690, 0.5504,
0.3567


 52.0684, 0.3432,
0.3368


 17.8066, 0.5877,
0.3529

 60.7788, 0.3238,
0.3320


 16.1319, 0.6152,
0.3461

 70.5656, 0.3078,
0.3276

 15.7141, 0.6225,
0.3440

 81.4640, 0.2946,
0.3235

 92.9275, 0.2883,
0.3288

 93.0339, 0.2883,
0.3289

Harmonies

Analogous

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



32.0136, 0.3966, 0.3063



32.0136, 0.4284, 0.3515



32.0136, 0.4248, 0.3960

Triad

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



32.0136, 0.4284, 0.3515



32.0136, 0.2785, 0.4040



32.0136, 0.2350, 0.2363

Complementary

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



32.0136, 0.4284, 0.3515



47.9057, 0.2464, 0.3041

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.



32.0136, 0.2103, 0.2510



32.0136, 0.4284, 0.3515



32.0136, 0.2330, 0.3460

Square

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



32.0136, 0.4284, 0.3515



32.0136, 0.3359, 0.4356



32.0136, 0.2094, 0.2889



32.0136, 0.2810, 0.2431

Rectangle

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



32.0136, 0.4284, 0.3515



32.0136, 0.4043, 0.4204



32.0136, 0.2094, 0.2889



32.0136, 0.2242, 0.2387

Sweetspot

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



32.0152, 0.4284, 0.3515



80.6351, 0.3378, 0.3355



30.3776, 0.3353, 0.2322



16.6806, 0.3423, 0.3366



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.



32.0152, 0.4284, 0.3515



40.5858, 0.4661, 0.3552



48.4192, 0.3988, 0.4089



12.7788, 0.3287, 0.3333



9.6086, 0.6203, 0.3456



0.6906, 0.5885, 0.3709

Inverse Universe

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



47.9057, 0.2464, 0.3041



66.8765, 0.2355, 0.2979



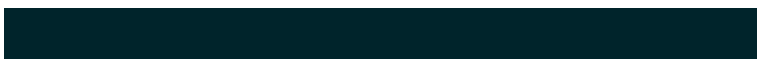
29.4051, 0.2333, 0.2321



13.7098, 0.2983, 0.3247



21.7166, 0.2086, 0.2708



1.4114, 0.2116, 0.2819

Previews

White Background



This preview shows how the Yxy color 32.0136, 0.4284, 0.3515 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 32.0136, 0.4284, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

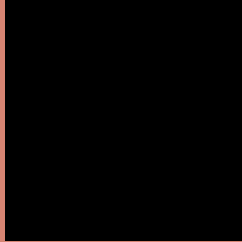
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0136, 0.4284, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 32.0136, 0.4284, 0.3515.



This preview shows how white text looks on a background with the Yxy color 32.0136, 0.4284, 0.3515.

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

32.0136, 0.4284, 0.3515

Protanopia

32.3530, 0.3508, 0.3746

Deuteranopia

31.9602, 0.3878, 0.3803



Tritanopia

32.1344, 0.4036, 0.3182

Trichromacy



Original Color

32.0136, 0.4284, 0.3515

Protanomaly

31.8589, 0.3789, 0.3662

Deuteranomaly

31.9852, 0.4029, 0.3698

Tritanomaly

31.9973, 0.4129, 0.3305

Monochromacy



Original Color

32.0136, 0.4284, 0.3515

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6520, 0.3520, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0136, 0.4284, 0.3515 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(214, 132, 114)` looks like.

```
.text, #text, p{  
    color:rgb(214, 132, 114)  
}
```

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(214, 132, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 132, 114) }
```

Border

The CSS property to change the border of an element to Yxy 32.0136, 0.4284, 0.3515 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(214, 132, 114) }
```

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

```
.border{ border-color:rgb(214, 132, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 132, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 132, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 132, 114);  
box-shadow:4px 4px 4px 4px rgb(214, 132,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0136, 0.4284, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 132, 114) }
```

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

```
.background{ background-color: rgb(214,  
132, 114) }
```

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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