

Converting Colors

$Y_{xy}(30.9201, 0.4414, 0.3574)$

Have a look what the booklet for
Yxy(30.9201, 0.4414, 0.3574)
contains.

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Color

Yxy(30.7544, 0.4416, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	D68069
RGB	214, 128, 105
RGB Percent	84%, 50%, 41%
CMY	0.1608, 0.4980, 0.5883
CMYK	0.00, 0.40, 0.51, 0.16
HSL	13°, 57%, 63%
HSV	13°, 51%, 84%
XYZ	37.9998, 30.7544, 17.2961
YIQ	151.0920, 58.6390, 11.0790

Conversions

Conversions Part 2

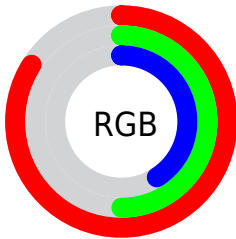
Format	Color
R _Y B	214, 134, 105
Decimal	14057577
CIE Lab	62.30, 30.84, 26.68
CIE LCh	62, 40.784, 40.864
Yxy	30.7544, 0.4416, 0.3574
Android (android.graphics.Color)	4292247657 (0xFFD68069)
YUV	151.0920, -22.7234, 55.1703
Hunter-Lab	55.4566, 25.2621, 20.3280

Details

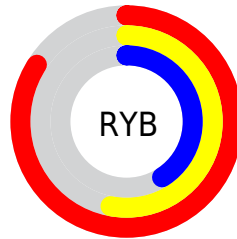
The Yxy color **30.7544, 0.4416, 0.3574** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.1126, 0.2406, 0.2966**, and the grayscale version is **31.0700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1162, 0.3993, 0.3566**, and **12.6711, 0.4860, 0.3601** is the 20% darker color. If you saturate the color by 10%, you get **26.3259, 0.4804, 0.3612**, and if you desaturate by 10%, it is **36.0294, 0.4070, 0.3522**.

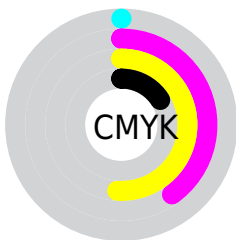
Distribution



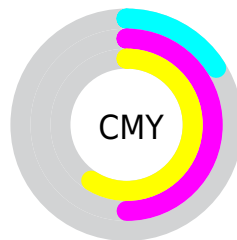
- Red (84%)
- Green (50%)
- Blue (41%)



- Red (84%)
- Yellow (53%)
- Blue (41%)



- Cyan (0%)
- Magenta (40%)
- Yellow (51%)
- Black (16%)





- Cyan (16%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7544, 0.4416, 0.3574 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 30.7544, 0.4416, 0.3574 by changing the saturation by 10% instead.


 30.7544, 0.4416,
0.3574


 30.7544, 0.4416,
0.3574


305.4052, 0.3724,
0.3458

 20.4119, 0.4601,
0.3590


 60.8532, 0.4154,
0.3540


 12.6948, 0.4844,
0.3601


 81.3783, 0.4059,
0.3525

 7.2187, 0.5174,
0.3597


 106.0663, 0.3980,
0.3511

 3.5993, 0.5640,
0.3549

 135.3018, 0.3912,
0.3498

 1.4520, 0.6515,
0.3485

169.4690, 0.3855,
0.3486

 0.2546, 0.7978,
0.2022

208.9524, 0.3805,

 0.0000, 0.0000,

0.3476

0.0000

254.1363, 0.3762,
0.3466

■ 30.7544, 0.4416,
0.3574

■ 30.7544, 0.4416,
0.3574

■ 26.3259, 0.4804,
0.3612

■ 36.0294, 0.4070,
0.3522

■ 22.6947, 0.5215,
0.3627

■ 42.1875, 0.3772,
0.3464

■ 19.8131, 0.5611,
0.3609

■ 49.2689, 0.3522,
0.3405

■ 17.6265, 0.5946,
0.3554

■ 57.3098, 0.3314,
0.3348

■ 16.1864, 0.6170,
0.3483

■ 66.3444, 0.3142,
0.3295

■ 76.4053, 0.2999,
0.3246

■ 87.5235, 0.2880,
0.3201

■ 93.0358, 0.2883,
0.3289

Harmonies

Analogous

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



30.7544, 0.4102, 0.3083



30.7544, 0.4416, 0.3574



30.7544, 0.4332, 0.4056

Triad

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



30.7544, 0.4416, 0.3574



30.7544, 0.2689, 0.4070



30.7544, 0.2316, 0.2277

Complementary

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



30.7544, 0.4416, 0.3574



45.1126, 0.2406, 0.2966

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.



30.7544, 0.2027, 0.2407



30.7544, 0.4416, 0.3574



30.7544, 0.2216, 0.3406

Square

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



30.7544, 0.4416, 0.3574



30.7544, 0.3311, 0.4459



30.7544, 0.1990, 0.2791



30.7544, 0.2835, 0.2374

Rectangle

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



30.7544, 0.4416, 0.3574



30.7544, 0.4082, 0.4319



30.7544, 0.1990, 0.2791



30.7544, 0.2192, 0.2294

Sweetspot

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



30.7560, 0.4416, 0.3574



80.0129, 0.3397, 0.3372



28.2123, 0.3420, 0.2280



16.5830, 0.3442, 0.3384



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.



30.7560, 0.4416, 0.3574



38.7509, 0.4832, 0.3614



48.4842, 0.4054, 0.4194



12.8415, 0.3286, 0.3340



9.9071, 0.6147, 0.3501



0.7199, 0.5811, 0.3768

Inverse Universe

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



45.1126, 0.2406, 0.2966



62.2254, 0.2291, 0.2886



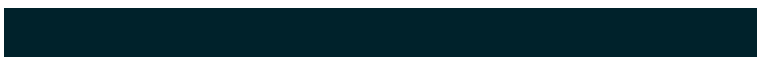
25.9475, 0.2248, 0.2159



13.6420, 0.2982, 0.3240



20.2010, 0.2056, 0.2600



1.3324, 0.2093, 0.2733

Previews

White Background



This preview shows how the Yxy color 30.7544, 0.4416, 0.3574 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 30.7544, 0.4416, 0.3574 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 30.7544, 0.4416, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 30.7544, 0.4416, 0.3574.



This preview shows how white text looks on a background with the Yxy color 30.7544, 0.4416, 0.3574.

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

30.7544, 0.4416, 0.3574

Protanopia

31.0524, 0.3597, 0.3843

Deuteranopia

30.7296, 0.3978, 0.3890



Tritanopia

30.7077, 0.4121, 0.3182

Trichromacy



Original Color

30.7544, 0.4416, 0.3574

Protanomaly

30.6164, 0.3889, 0.3750

Deuteranomaly

30.4937, 0.4141, 0.3766

Tritanomaly

30.5444, 0.4229, 0.3318

Monochromacy



Original Color

30.7544, 0.4416, 0.3574

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.3648, 0.3561, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7544, 0.4416, 0.3574 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, 128, 105)` looks like.

```
.text, #text, p{  
    color:rgb(214, 128, 105)  
}
```

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, 128, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 128, 105) }
```

Border

The CSS property to change the border of an element to Yxy 30.7544, 0.4416, 0.3574 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, 128, 105) }
```

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

```
.border{ border-color:rgb(214, 128, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 128, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 128, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 128, 105);  
box-shadow:4px 4px 4px 4px rgb(214, 128,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7544, 0.4416, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 128, 105) }
```

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

```
.background{ background-color: rgb(214,  
128, 105) }
```

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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