

Converting Colors

$Yxy(31.5131, 0.4113, 0.3394)$

Have a look what the booklet for
Yxy(31.5131, 0.4113, 0.3394)
contains.

Yxy(31.5131, 0.4113, 0.3394)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.5131, 0.4113, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	D1847C
RGB	209, 132, 124
RGB Percent	82%, 52%, 49%
CMY	0.1803, 0.4824, 0.5136
CMYK	0.00, 0.37, 0.41, 0.18
HSL	6°, 48%, 65%
HSV	6°, 41%, 82%
XYZ	38.1890, 31.5131, 23.1474
YIQ	154.1110, 48.4600, 13.8360

Conversions

Conversions Part 2

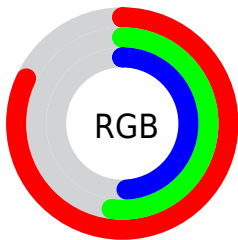
Format	Color
R _Y B	209, 133, 124
Decimal	13730940
CIE Lab	62.94, 28.70, 16.74
CIE LCh	63, 33.223, 30.247
Yxy	31.5131, 0.4113, 0.3394
Android (android.graphics.Color)	4291921020 (0xFFD1847C)
YUV	154.1110, -14.8447, 48.1377
Hunter-Lab	56.1365, 23.1924, 14.8479

Details

The Yxy color **31.5131, 0.4113, 0.3394** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **50.6888, 0.2555, 0.3180**, and the grayscale version is **32.4181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5521, 0.3795, 0.3386**, and **13.0683, 0.4457, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **26.3614, 0.4493, 0.3417**, and if you desaturate by 10%, it is **37.7128, 0.3792, 0.3368**.

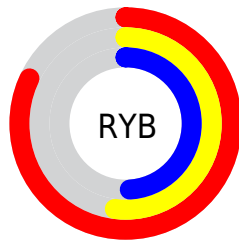
Distribution



Red (82%)

Green (52%)

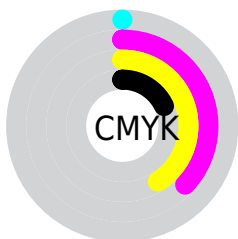
Blue (49%)



Red (82%)

Yellow (52%)

Blue (49%)

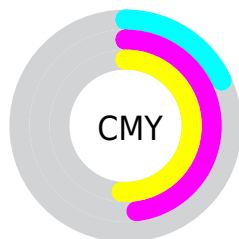


Cyan (0%)

Magenta (37%)

Yellow (41%)

Black (18%)



Cyan (18%)


Magenta (48%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5131, 0.4113, 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 31.5131, 0.4113, 0.3394 by changing the saturation by 10% instead.


 31.5131, 0.4113,
0.3394


 31.5131, 0.4113,
0.3394


308.8952, 0.3583,
0.3357

 20.9899, 0.4257,
0.3397


 62.0470, 0.3911,
0.3385

 13.1166, 0.4450,
0.3396


 82.8265, 0.3838,
0.3380

 7.5089, 0.4717,
0.3385


 107.7935, 0.3778,
0.3375

 3.7823, 0.5110,
0.3348

137.3324, 0.3727,
0.3371

 1.5526, 0.5858,
0.3311

171.8276, 0.3683,
0.3367

 0.3253, 0.7584,
0.2416

211.6636, 0.3645,

 0.0000, 0.0000,

0.3363

0.0000

257.2247, 0.3612,
0.3360

■ 31.5131, 0.4113,
0.3394

■ 31.5131, 0.4113,
0.3394

■ 26.3614, 0.4493,
0.3417

■ 37.7128, 0.3792,
0.3368

■ 22.1952, 0.4924,
0.3432

■ 45.0090, 0.3528,
0.3341

■ 18.9530, 0.5378,
0.3434

■ 53.4528, 0.3312,
0.3316


■ 16.5640, 0.5804,
0.3420

■ 63.0909, 0.3137,
0.3292

■ 14.9474, 0.6138,
0.3387

■ 73.9671, 0.2995,
0.3270

 14.0439, 0.6335,
0.3352

 86.1233, 0.2880,
0.3250

 92.2979, 0.2855,
0.3289

Harmonies

Analogous

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



31.5131, 0.3761, 0.2992



31.5131, 0.4113, 0.3394



31.5131, 0.4168, 0.3805

Triad

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



31.5131, 0.4113, 0.3394



31.5131, 0.2953, 0.4052



31.5131, 0.2351, 0.2470

Complementary

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



31.5131, 0.4113, 0.3394



50.6888, 0.2555, 0.3180

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.



31.5131, 0.2180, 0.2662



31.5131, 0.4113, 0.3394



31.5131, 0.2502, 0.3583

Square

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



31.5131, 0.4113, 0.3394



31.5131, 0.3474, 0.4252



31.5131, 0.2230, 0.3057



31.5131, 0.2723, 0.2481

Rectangle

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



31.5131, 0.4113, 0.3394



31.5131, 0.4034, 0.4040



31.5131, 0.2230, 0.3057



31.5131, 0.2270, 0.2511

Sweetspot

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



31.5147, 0.4113, 0.3394



81.7485, 0.3341, 0.3319



32.2413, 0.3244, 0.2368



17.1082, 0.3368, 0.3323



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.



31.5147, 0.4113, 0.3394



42.1482, 0.4448, 0.3415



45.1336, 0.3894, 0.3906



11.9839, 0.3288, 0.3312



8.7217, 0.6321, 0.3363



0.5503, 0.6098, 0.3540

Inverse Universe

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



50.6888, 0.2555, 0.3180



76.2437, 0.2456, 0.3153



33.8394, 0.2460, 0.2577



13.2097, 0.2983, 0.3268



25.4656, 0.2166, 0.2996



1.4803, 0.2182, 0.3054

Previews

White Background



This preview shows how the Yxy color 31.5131, 0.4113, 0.3394 looks on a white background.

Color Contrast Check

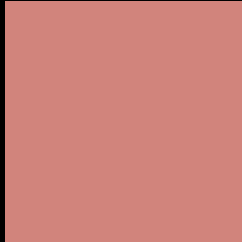
Large Text (above 18pt) WCAG AA × Fail

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 31.5131, 0.4113, 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 31.5131, 0.4113, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 31.5131, 0.4113, 0.3394.



This preview shows how white text looks on a background with the Yxy color 31.5131, 0.4113, 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

31.5131, 0.4113, 0.3394

Protanopia

31.6513, 0.3383, 0.3566

Deuteranopia

31.7129, 0.3729, 0.3668



Tritanopia

31.5310, 0.3954, 0.3179

Trichromacy



Original Color

31.5131, 0.4113, 0.3394

Protanomaly

31.3275, 0.3641, 0.3508

Deuteranomaly

31.5700, 0.3864, 0.3569

Tritanomaly

31.6555, 0.4010, 0.3255

Monochromacy



Original Color

31.5131, 0.4113, 0.3394

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.5396, 0.3456, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5131, 0.4113, 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, 132, 124)` looks like.

```
.text, #text, p{  
    color:rgb(209, 132, 124)  
}
```

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, 132, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 132, 124) }
```

Border

The CSS property to change the border of an element to Yxy 31.5131, 0.4113, 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, 132, 124) }
```

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

```
.border{ border-color:rgb(209, 132, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 132, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 132, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 132, 124);  
box-shadow:4px 4px 4px 4px rgb(209, 132,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5131, 0.4113, 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, 132, 124) }
```

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

```
.background{ background-color: rgb(209,  
132, 124) }
```

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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