

Converting Colors

$Yxy(31.0942, 0.4189, 0.3179)$

Have a look what the booklet for
Yxy(31.0942, 0.4189, 0.3179)
contains.

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Color

Yxy(31.2040, 0.4192, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	DD7B84
RGB	221, 123, 132
RGB Percent	87%, 48%, 52%
CMY	0.1333, 0.5177, 0.4822
CMYK	0.00, 0.44, 0.40, 0.13
HSL	354°, 59%, 67%
HSV	354°, 44%, 87%
XYZ	41.0698, 31.2040, 25.6980
YIQ	153.3280, 55.5190, 23.5750

Conversions

Conversions Part 2

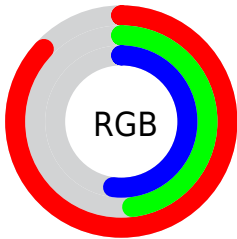
Format	Color
RYB	221, 123, 132
Decimal	14515076
CIELab	62.68, 38.87, 12.06
CIElCh	63, 40.697, 17.233
Yxy	31.2040, 0.4192, 0.3185
Android (android.graphics.Color)	4292705156 (0xFFDD7B84)
YUV	153.3280, -10.5147, 59.3483
Hunter-Lab	55.8605, 33.4807, 11.8267

Details

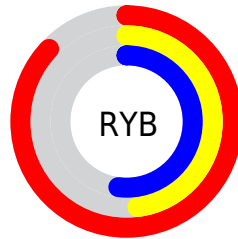
The Yxy color **31.2040, 0.4192, 0.3185** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **60.6799, 0.2577, 0.3406**, and the grayscale version is **32.0355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2071, 0.3751, 0.3208**, and **12.9175, 0.4557, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **25.8299, 0.4585, 0.3167**, and if you desaturate by 10%, it is **37.9245, 0.3860, 0.3208**.

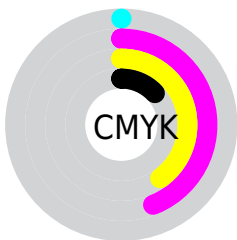
Distribution



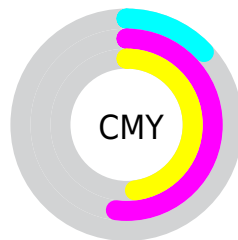
- Red (87%)
- Green (48%)
- Blue (52%)



- Red (87%)
- Yellow (48%)
- Blue (52%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (13%)





- Cyan (13%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2040, 0.4192, 0.3185 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 31.2040, 0.4192, 0.3185 by changing the saturation by 10% instead.


 31.2040, 0.4192,
0.3185


 31.2040, 0.4192,
0.3185


307.4770, 0.3619,
0.3257


 20.7542, 0.4348,
0.3159


 61.5611, 0.3974,
0.3217

 12.9445, 0.4556,
0.3122


 82.2372, 0.3895,
0.3227

 7.3903, 0.4845,
0.3062

 107.0910, 0.3830,
0.3235

 3.7074, 0.5272,
0.2958

136.5066, 0.3775,
0.3241

 1.5113, 0.5976,
0.2768

170.8687, 0.3727,
0.3246

 0.2966, 0.8135,
0.1865

210.5615, 0.3686,

 0.0000, 1.0000,

0.3251

0.0000

255.9695, 0.3651,
0.3254

0.0000, 0.0000,
0.0000

31.2040, 0.4192,
0.3185

31.2040, 0.4192,
0.3185

25.8299, 0.4585,
0.3167

37.9245, 0.3860,
0.3208

21.7070, 0.5026,
0.3159

46.0687, 0.3588,
0.3233

18.7353, 0.5481,
0.3166


55.7136, 0.3369,
0.3257


16.7976, 0.5893,
0.3190


66.9295, 0.3192,
0.3280

15.7511, 0.6197,
0.3230

79.7820, 0.3051,
0.3302

 15.4251, 0.6312,
0.3251

 93.9479, 0.2937,
0.3316

 94.1133, 0.2923,
0.3289

Harmonies

Analogous

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



31.2040, 0.3635, 0.2744



31.2040, 0.4192, 0.3185



31.2040, 0.4423, 0.3679

Triad

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



31.2040, 0.4192, 0.3185



31.2040, 0.3174, 0.4404



31.2040, 0.2074, 0.2365

Complementary

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



31.2040, 0.4192, 0.3185



60.6799, 0.2577, 0.3406

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.



31.2040, 0.1983, 0.2692



31.2040, 0.4192, 0.3185



31.2040, 0.2575, 0.3936

Square

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



31.2040, 0.4192, 0.3185



31.2040, 0.3793, 0.4448



31.2040, 0.2152, 0.3262



31.2040, 0.2413, 0.2286

Rectangle

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



31.2040, 0.4192, 0.3185



31.2040, 0.4354, 0.3998



31.2040, 0.2152, 0.3262



31.2040, 0.2015, 0.2445

Sweetspot

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



31.2056, 0.4192, 0.3185



78.8539, 0.3345, 0.3260



33.2658, 0.3082, 0.2179



16.1905, 0.3388, 0.3255



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.



31.2056, 0.4192, 0.3185



36.3311, 0.4546, 0.3169



42.7152, 0.4080, 0.3760



13.0709, 0.3277, 0.3269



8.9672, 0.6291, 0.3239



0.5878, 0.6004, 0.3081

Inverse Universe

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



31.2056, 0.4192, 0.3185



36.3311, 0.4546, 0.3169



42.8073, 0.2440, 0.2755



13.0709, 0.3277, 0.3269



8.9672, 0.6291, 0.3239



0.5878, 0.6004, 0.3081

Previews

White Background



This preview shows how the Yxy color 31.2040, 0.4192, 0.3185 looks on a white background.

Color Contrast Check

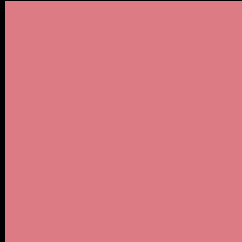
Large Text (above 18pt) WCAG AA × Fail

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 31.2040, 0.4192, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

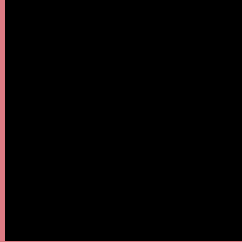
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2040, 0.4192, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 31.2040, 0.4192, 0.3185.



This preview shows how white text looks on a background with the Yxy color 31.2040, 0.4192, 0.3185.

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

31.2040, 0.4192, 0.3185

Protanopia

31.3077, 0.3216, 0.3351

Deuteranopia

31.2302, 0.3626, 0.3555



Tritanopia

31.2040, 0.4192, 0.3185

Trichromacy



Original Color

31.2040, 0.4192, 0.3185

Protanomaly

30.7060, 0.3546, 0.3277

Deuteranomaly

30.9684, 0.3837, 0.3415

Tritanomaly

31.2040, 0.4192, 0.3185

Monochromacy



Original Color

31.2040, 0.4192, 0.3185

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8553, 0.3489, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2040, 0.4192, 0.3185 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(221, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(221, 123, 132)  
}
```

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(221, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 123, 132) }
```

Border

The CSS property to change the border of an element to Yxy 31.2040, 0.4192, 0.3185 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(221, 123, 132) }
```

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

```
.border{ border-color:rgb(221, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(221, 123,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2040, 0.4192, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 123, 132) }
```

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

```
.background{ background-color: rgb(221,  
123, 132) }
```

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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