

Converting Colors

$Yxy(29.9564, 0.4071, 0.3187)$

Have a look what the booklet for
Yxy(29.9564, 0.4071, 0.3187)
contains.

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Color

Yxy(29.9301, 0.4078, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	D37C84
RGB	211, 124, 132
RGB Percent	83%, 49%, 52%
CMY	0.1725, 0.5137, 0.4823
CMYK	0.00, 0.41, 0.37, 0.17
HSL	354°, 50%, 66%
HSV	354°, 41%, 83%
XYZ	38.2378, 29.9301, 25.5981
YIQ	150.9250, 49.2840, 20.9320

Conversions

Conversions Part 2

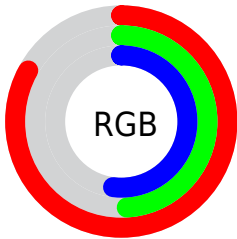
Format	Color
R _Y B	211, 124, 132
Decimal	13859972
CIE Lab	61.59, 34.65, 10.35
CIE LCh	62, 36.164, 16.623
Yxy	29.9301, 0.4078, 0.3192
Android (android.graphics.Color)	4292050052 (0xFFD37C84)
YUV	150.9250, -9.3300, 52.6858
Hunter-Lab	54.7084, 29.0207, 10.5540

Details

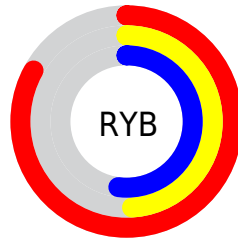
The Yxy color **29.9301, 0.4078, 0.3192** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **55.1856, 0.2609, 0.3396**, and the grayscale version is **30.9398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6036, 0.3748, 0.3218**, and **12.2596, 0.4409, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **24.7194, 0.4450, 0.3172**, and if you desaturate by 10%, it is **36.3714, 0.3767, 0.3216**.

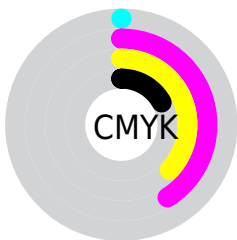
Distribution



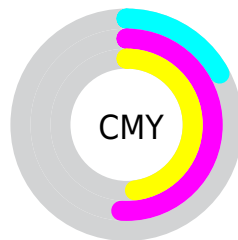
- Red (83%)
- Green (49%)
- Blue (52%)



- Red (83%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (41%)
- Yellow (37%)
- Black (17%)





- Cyan (17%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9301, 0.4078, 0.3192 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 29.9301, 0.4078, 0.3192 by changing the saturation by 10% instead.

 29.9301, 0.4078,
0.3192

 29.9301, 0.4078,
0.3192


301.5785, 0.3563,
0.3257


 19.7855, 0.4220,
0.3169


 59.5516, 0.3881,
0.3220

 12.2392, 0.4410,
0.3135


 79.7974, 0.3810,
0.3229

 6.9068, 0.4678,
0.3082


 104.1790, 0.3751,
0.3237

 3.4039, 0.5080,
0.2988

133.0808, 0.3702,
0.3243

 1.3461, 0.5769,
0.2819

166.8873, 0.3660,
0.3247

 0.1765, 0.8532,
0.1468


205.9828, 0.3623,


 0.0000, 0.0000,

0.3251

0.0000

250.7517, 0.3591,
0.3255


 29.9301, 0.4078,
0.3192

 29.9301, 0.4078,
0.3192


 24.7194, 0.4450,
0.3172


 36.3714, 0.3767,
0.3216


 20.6569, 0.4877,
0.3161

 44.1103, 0.3513,
0.3240


 17.6568, 0.5331,
0.3162

 53.2139, 0.3309,
0.3265

 15.6196, 0.5764,
0.3180

 63.7436, 0.3145,
0.3287

 14.4270, 0.6109,
0.3216

 75.7571, 0.3013,
0.3308

 13.8976, 0.6308,
0.3249

 89.3087, 0.2907,
0.3327

 92.5891, 0.2866,
0.3289

Harmonies

Analogous

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



29.9301, 0.3575, 0.2786



29.9301, 0.4078, 0.3192



29.9301, 0.4295, 0.3645

Triad

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



29.9301, 0.4078, 0.3192



29.9301, 0.3189, 0.4289



29.9301, 0.2162, 0.2454

Complementary

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



29.9301, 0.4078, 0.3192



55.1856, 0.2609, 0.3396

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.



29.9301, 0.2084, 0.2763



29.9301, 0.4078, 0.3192



29.9301, 0.2641, 0.3879

Square

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



29.9301, 0.4078, 0.3192



29.9301, 0.3748, 0.4333



29.9301, 0.2247, 0.3283



29.9301, 0.2471, 0.2373

Rectangle

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



29.9301, 0.4078, 0.3192



29.9301, 0.4243, 0.3936



29.9301, 0.2247, 0.3283



29.9301, 0.2109, 0.2531

Sweetspot

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



29.9316, 0.4078, 0.3192



80.3448, 0.3326, 0.3263



31.7179, 0.3087, 0.2256



16.7812, 0.3351, 0.3259



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.



29.9316, 0.4078, 0.3192



39.1785, 0.4383, 0.3175



40.0327, 0.3990, 0.3726



11.8257, 0.3276, 0.3269



8.3938, 0.6287, 0.3237



0.4756, 0.5968, 0.3061

Inverse Universe

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



29.9316, 0.4078, 0.3192



39.1785, 0.4383, 0.3175



40.1185, 0.2488, 0.2801



11.8257, 0.3276, 0.3269



8.3938, 0.6287, 0.3237



0.4756, 0.5968, 0.3061

Previews

White Background



This preview shows how the Yxy color 29.9301, 0.4078, 0.3192 looks on a white background.

Color Contrast Check

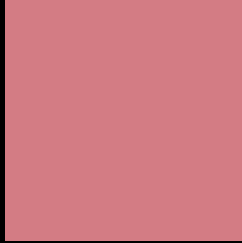
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9301, 0.4078, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

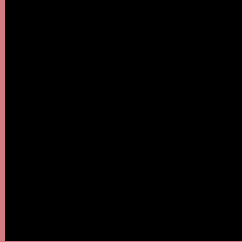
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9301, 0.4078, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 29.9301, 0.4078, 0.3192.



This preview shows how white text looks on a background with the Yxy color 29.9301, 0.4078, 0.3192.

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

29.9301, 0.4078, 0.3192

Protanopia

30.3115, 0.3207, 0.3352

Deuteranopia

30.1894, 0.3578, 0.3515



Tritanopia

29.9576, 0.4066, 0.3180

Trichromacy



Original Color

29.9301, 0.4078, 0.3192

Protanomaly

29.6483, 0.3504, 0.3291

Deuteranomaly

29.9421, 0.3762, 0.3390

Tritanomaly

29.9576, 0.4066, 0.3180

Monochromacy



Original Color

29.9301, 0.4078, 0.3192

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.9476, 0.3447, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9301, 0.4078, 0.3192 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(211, 124, 132)` looks like.

```
.text, #text, p{  
    color:rgb(211, 124, 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(211, 124, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 124, 132) }
```

Border

The CSS property to change the border of an element to Yxy 29.9301, 0.4078, 0.3192 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(211, 124, 132) }
```

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

```
.border{ border-color:rgb(211, 124, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 124, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 124, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 124, 132);  
box-shadow:4px 4px 4px 4px rgb(211, 124,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9301, 0.4078, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 124, 132) }
```

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

```
.background{ background-color: rgb(211,  
124, 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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