

Converting Colors

$Y_{xy}(29.2725, 0.4141, 0.3116)$

Have a look what the booklet for
Yxy(29.2725, 0.4141, 0.3116)
contains.

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Color

Yxy(29.3342, 0.4134, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	D77785
RGB	215, 119, 133
RGB Percent	84%, 47%, 52%
CMY	0.1568, 0.5333, 0.4785
CMYK	0.00, 0.45, 0.38, 0.16
HSL	351°, 55%, 65%
HSV	351°, 45%, 84%
XYZ	38.8554, 29.3342, 25.8002
YIQ	149.3000, 52.7220, 24.7060

Conversions

Conversions Part 2

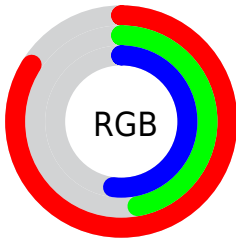
Format	Color
R _Y B	215, 119, 133
Decimal	14120837
CIE Lab	61.08, 38.86, 9.13
CIE LCh	61, 39.921, 13.217
Yxy	29.3342, 0.4134, 0.3121
Android (android.graphics.Color)	4292310917 (0xFFD77785)
YUV	149.3000, -8.0359, 57.6189
Hunter-Lab	54.1611, 33.2748, 9.6693

Details

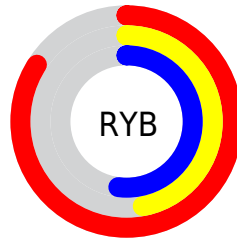
The Yxy color **29.3342, 0.4134, 0.3121** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.7439, 0.2602, 0.3477**, and the grayscale version is **30.2063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6923, 0.3753, 0.3156**, and **11.9424, 0.4473, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **24.3197, 0.4502, 0.3091**, and if you desaturate by 10%, it is **35.5979, 0.3823, 0.3158**.

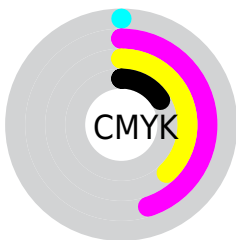
Distribution



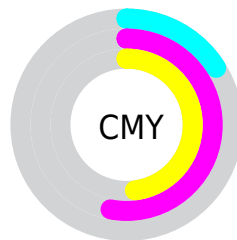
- Red (84%)
- Green (47%)
- Blue (52%)



- Red (84%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (45%)
- Yellow (38%)
- Black (16%)





- Cyan (16%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3342, 0.4134, 0.3121 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 29.3342, 0.4134, 0.3121 by changing the saturation by 10% instead.


 29.3342, 0.4134,
0.3121


 29.3342, 0.4134,
0.3121


298.7886, 0.3588,
0.3224

 19.3338, 0.4285,
0.3088


 58.6076, 0.3925,
0.3164

 11.9117, 0.4487,
0.3041


 78.6495, 0.3850,
0.3178

 6.6836, 0.4772,
0.2968


 102.8072, 0.3787,
0.3190

 3.2650, 0.5200,
0.2847

131.4653, 0.3735,
0.3199

 1.2716, 0.5926,
0.2632

165.0080, 0.3690,
0.3207

 0.1191, 0.9008,
0.0992

203.8199, 0.3651,

 0.0000, 1.0000,

0.3214

0.0000

248.2853, 0.3618,
0.3219

0.0000, 0.0000,
0.0000

29.3342, 0.4134,
0.3121

29.3342, 0.4134,
0.3121

24.3197, 0.4502,
0.3091

35.5979, 0.3823,
0.3158

20.4664, 0.4918,
0.3075

43.1823, 0.3567,
0.3198

17.6816, 0.5355,
0.3080


52.1588, 0.3360,
0.3237


15.8569, 0.5765,
0.3112


62.5923, 0.3193,
0.3274

14.8600, 0.6090,
0.3169

74.5437, 0.3059,
0.3308

 14.5485, 0.6220,
0.3200

 88.0704, 0.2950,
0.3339

 93.1879, 0.2889,
0.3289

Harmonies

Analogous

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



29.3342, 0.3547, 0.2692



29.3342, 0.4134, 0.3121



29.3342, 0.4417, 0.3612

Triad

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



29.3342, 0.4134, 0.3121



29.3342, 0.3260, 0.4438



29.3342, 0.2046, 0.2393

Complementary

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



29.3342, 0.4134, 0.3121



56.7439, 0.2602, 0.3477

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.



29.3342, 0.1989, 0.2754



29.3342, 0.4134, 0.3121



29.3342, 0.2648, 0.4019

Square

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



29.3342, 0.4134, 0.3121



29.3342, 0.3869, 0.4425



29.3342, 0.2194, 0.3352



29.3342, 0.2353, 0.2282

Rectangle

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



29.3342, 0.4134, 0.3121



29.3342, 0.4383, 0.3937



29.3342, 0.2194, 0.3352



29.3342, 0.1998, 0.2484

Sweetspot

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



29.3357, 0.4134, 0.3121



78.9513, 0.3332, 0.3242



30.4641, 0.3034, 0.2157



16.2141, 0.3373, 0.3234



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.



29.3357, 0.4134, 0.3121



35.8691, 0.4497, 0.3092



38.4331, 0.4114, 0.3705



12.4500, 0.3268, 0.3256



8.7108, 0.6193, 0.3185



0.5350, 0.5776, 0.2956

Inverse Universe

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



29.3357, 0.4134, 0.3121



35.8691, 0.4497, 0.3092



42.0415, 0.2448, 0.2821



12.4500, 0.3268, 0.3256



8.7108, 0.6193, 0.3185



0.5350, 0.5776, 0.2956

Previews

White Background



This preview shows how the Yxy color 29.3342, 0.4134, 0.3121 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 29.3342, 0.4134, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

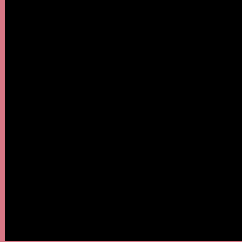
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3342, 0.4134, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 29.3342, 0.4134, 0.3121.



This preview shows how white text looks on a background with the Yxy color 29.3342, 0.4134, 0.3121.

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

29.3342, 0.4134, 0.3121

Protanopia

29.4896, 0.3149, 0.3274

Deuteranopia

29.3660, 0.3562, 0.3487



Tritanopia

29.4385, 0.4193, 0.3195

Trichromacy



Original Color

29.3342, 0.4134, 0.3121

Protanomaly

28.8732, 0.3479, 0.3203

Deuteranomaly

29.1010, 0.3774, 0.3348

Tritanomaly

29.4917, 0.4167, 0.3170

Monochromacy



Original Color

29.3342, 0.4134, 0.3121

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.0444, 0.3465, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3342, 0.4134, 0.3121 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(215, 119, 133)` looks like.

```
.text, #text, p{  
    color:rgb(215, 119, 133)  
}
```

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(215, 119, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 119, 133) }
```

Border

The CSS property to change the border of an element to Yxy 29.3342, 0.4134, 0.3121 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(215, 119, 133) }
```

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

```
.border{ border-color:rgb(215, 119, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 119, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 119, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 119, 133);  
box-shadow:4px 4px 4px 4px rgb(215, 119,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3342, 0.4134, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 119, 133) }
```

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

```
.background{ background-color: rgb(215,  
119, 133) }
```

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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