

Converting Colors

$Y_{xy}(30.2858, 0.4148, 0.3144)$

Have a look what the booklet for
Yxy(30.2858, 0.4148, 0.3144)
contains.

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Color

Yxy(30.2736, 0.4157, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	DA7985
RGB	218, 121, 133
RGB Percent	85%, 47%, 52%
CMY	0.1450, 0.5255, 0.4783
CMYK	0.00, 0.45, 0.39, 0.15
HSL	353°, 57%, 66%
HSV	353°, 45%, 85%
XYZ	39.9896, 30.2736, 25.9351
YIQ	151.3710, 53.9600, 24.2960

Conversions

Conversions Part 2

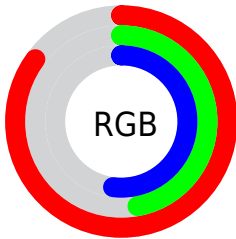
Format	Color
R _Y B	218, 121, 133
Decimal	14317957
CIE Lab	61.89, 38.93, 10.32
CIE LCh	62, 40.275, 14.841
Yxy	30.2736, 0.4157, 0.3147
Android (android.graphics.Color)	4292508037 (0xFFDA7985)
YUV	151.3710, -9.0569, 58.4336
Hunter-Lab	55.0215, 33.4464, 10.5679

Details

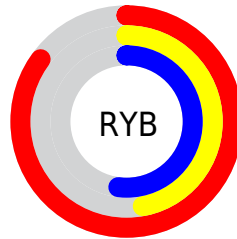
The Yxy color **30.2736, 0.4157, 0.3147** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **58.6715, 0.2592, 0.3448**, and the grayscale version is **31.1378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4651, 0.3747, 0.3177**, and **12.4940, 0.4502, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **25.0812, 0.4535, 0.3122**, and if you desaturate by 10%, it is **36.7623, 0.3838, 0.3178**.

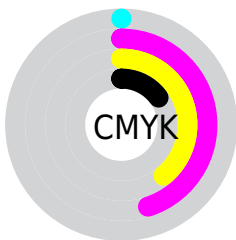
Distribution



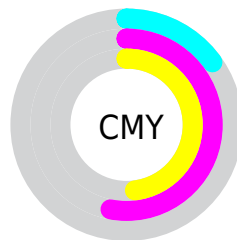
- Red (85%)
- Green (47%)
- Blue (52%)



- Red (85%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (45%)
- Yellow (39%)
- Black (15%)





- Cyan (15%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2736, 0.4157, 0.3147 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 30.2736, 0.4157, 0.3147 by changing the saturation by 10% instead.


 30.2736, 0.4157,
0.3147


 30.2736, 0.4157,
0.3147


303.1777, 0.3601,
0.3238


 20.0464, 0.4309,
0.3117


 60.0946, 0.3945,
0.3185

 12.4287, 0.4514,
0.3074


 80.4571, 0.3868,
0.3198

 7.0364, 0.4799,
0.3007


 104.9669, 0.3805,
0.3208

 3.4849, 0.5224,
0.2894

134.0082, 0.3751,
0.3216

 1.3898, 0.5932,
0.2690

167.9656, 0.3705,
0.3223

 0.2092, 0.8503,
0.1497

207.2234, 0.3666,

 0.0000, 1.0000,

0.3228

0.0000

252.1659, 0.3631,
0.3233

0.0000, 0.0000,
0.0000

30.2736, 0.4157,
0.3147

30.2736, 0.4157,
0.3147

25.0812, 0.4535,
0.3122

36.7623, 0.3838,
0.3178

21.0936, 0.4962,
0.3110

44.6215, 0.3575,
0.3212

18.2147, 0.5407,
0.3116

53.9253, 0.3363,
0.3245


16.3317, 0.5818,
0.3145


64.7411, 0.3193,
0.3277

15.3076, 0.6136,
0.3196

77.1323, 0.3055,
0.3306

 14.9874, 0.6261,
0.3223

 91.1582, 0.2945,
0.3332

 93.6481, 0.2906,
0.3289

Harmonies

Analogous

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



30.2736, 0.3582, 0.2713



30.2736, 0.4157, 0.3147



30.2736, 0.4418, 0.3639

Triad

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



30.2736, 0.4157, 0.3147



30.2736, 0.3225, 0.4424



30.2736, 0.2058, 0.2382

Complementary

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



30.2736, 0.4157, 0.3147



58.6715, 0.2592, 0.3448

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.



30.2736, 0.1987, 0.2729



30.2736, 0.4157, 0.3147



30.2736, 0.2619, 0.3985

Square

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



30.2736, 0.4157, 0.3147



30.2736, 0.3838, 0.4434



30.2736, 0.2177, 0.3315



30.2736, 0.2378, 0.2284

Rectangle

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



30.2736, 0.4157, 0.3147



30.2736, 0.4371, 0.3961



30.2736, 0.2177, 0.3315



30.2736, 0.2006, 0.2469

Sweetspot

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



30.2751, 0.4157, 0.3147



78.9118, 0.3337, 0.3250



31.7263, 0.3050, 0.2165



16.2045, 0.3379, 0.3242



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.



30.2751, 0.4157, 0.3147



36.4519, 0.4493, 0.3124



40.2564, 0.4102, 0.3723



13.0777, 0.3272, 0.3261



8.9859, 0.6237, 0.3210



0.5910, 0.5881, 0.3014

Inverse Universe

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



30.2751, 0.4157, 0.3147



36.4519, 0.4493, 0.3124



42.7642, 0.2446, 0.2800



13.0777, 0.3272, 0.3261



8.9859, 0.6237, 0.3210



0.5910, 0.5881, 0.3014

Previews

White Background



This preview shows how the Yxy color 30.2736, 0.4157, 0.3147 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 30.2736, 0.4157, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

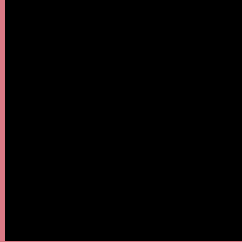
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2736, 0.4157, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 30.2736, 0.4157, 0.3147.



This preview shows how white text looks on a background with the Yxy color 30.2736, 0.4157, 0.3147.

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

30.2736, 0.4157, 0.3147

Protanopia

30.4053, 0.3178, 0.3306

Deuteranopia

30.3022, 0.3589, 0.3514



Tritanopia

30.1919, 0.4195, 0.3184

Trichromacy



Original Color

30.2736, 0.4157, 0.3147

Protanomaly

29.7955, 0.3507, 0.3233

Deuteranomaly

30.0388, 0.3800, 0.3375

Tritanomaly

30.2189, 0.4183, 0.3172

Monochromacy



Original Color

30.2736, 0.4157, 0.3147

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.8837, 0.3472, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2736, 0.4157, 0.3147 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(218, 121, 133)` looks like.

```
.text, #text, p{  
    color:rgb(218, 121, 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(218, 121, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 121, 133) }
```

Border

The CSS property to change the border of an element to Yxy 30.2736, 0.4157, 0.3147 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(218, 121, 133) }
```

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

```
.border{ border-color:rgb(218, 121, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 121, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 121, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 121, 133);  
box-shadow:4px 4px 4px 4px rgb(218, 121,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2736, 0.4157, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 121, 133) }
```

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

```
.background{ background-color: rgb(218,  
121, 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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