

Converting Colors

$Y_{xy}(31.2459, 0.3722, 0.2905)$

Have a look what the booklet for
Yxy(31.2459, 0.3722, 0.2905)
contains.

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Color

Yxy(31.2027, 0.3725, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	D17F9E
RGB	209, 127, 158
RGB Percent	82%, 50%, 62%
CMY	0.1805, 0.5019, 0.3803
CMYK	0.00, 0.39, 0.24, 0.18
HSL	337°, 47%, 66%
HSV	337°, 39%, 82%
XYZ	40.0517, 31.2027, 36.2670
YIQ	155.0520, 38.9210, 27.0250

Conversions

Conversions Part 2

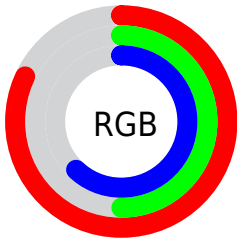
Format	Color
R _Y B	209, 127, 158
Decimal	13729694
CIE Lab	62.68, 35.72, -2.99
CIE LCh	63, 35.849, 355.224
Yxy	31.2027, 0.3725, 0.2902
Android (android.graphics.Color)	4291919774 (0xFFD17F9E)
YUV	155.0520, 1.4534, 47.3124
Hunter-Lab	55.8594, 30.2323, 0.6073

Details

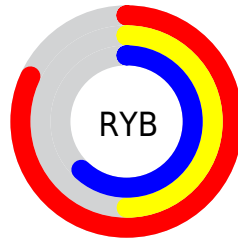
The Yxy color **31.2027, 0.3725, 0.2902** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.3164, 0.2764, 0.3723**, and the grayscale version is **32.7847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1118, 0.3496, 0.2962**, and **13.0027, 0.3924, 0.2777** is the 20% darker color. If you saturate the color by 10%, you get **25.9296, 0.3959, 0.2807**, and if you desaturate by 10%, it is **37.6456, 0.3528, 0.3004**.

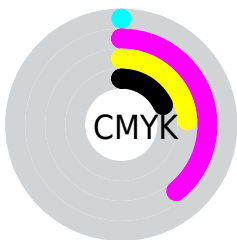
Distribution



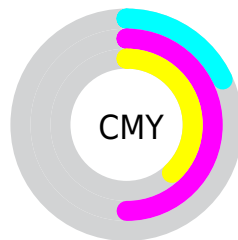
- Red (82%)
- Green (50%)
- Blue (62%)



- Red (82%)
- Yellow (50%)
- Blue (62%)



- Cyan (0%)
- Magenta (39%)
- Yellow (24%)
- Black (18%)




- Cyan (18%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2027, 0.3725, 0.2902 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 31.2027, 0.3725, 0.2902 by changing the saturation by 10% instead.


 31.2027, 0.3725,
0.2902


 31.2027, 0.3725,
0.2902


307.4711, 0.3408,
0.3105


 20.7532, 0.3810,
0.2848


 61.5591, 0.3605,
0.2978

 12.9438, 0.3923,
0.2777


 82.2348, 0.3562,
0.3006

 7.3898, 0.4081,
0.2679


 107.0880, 0.3526,
0.3029

 3.7071, 0.4315,
0.2536

136.5032, 0.3495,
0.3049

 1.5111, 0.4697,
0.2307

170.8647, 0.3469,
0.3066

 0.2965, 0.5905,
0.1466


210.5569, 0.3446,

 0.0000, 1.0000,

0.3081

0.0000

255.9642, 0.3426,
0.3094

 0.0000, 0.0000,
0.0000


 31.2027, 0.3725,
0.2902


 31.2027, 0.3725,
0.2902


 25.9296, 0.3959,
0.2807


 37.6456, 0.3528,
0.3004


 21.7506, 0.4229,
0.2728

 45.3188, 0.3364,
0.3106


 18.5881, 0.4531,
0.2676


 54.2843, 0.3230,
0.3204


 16.3524, 0.4852,
0.2665


 64.5983, 0.3119,
0.3297

 14.9374, 0.5170,
0.2704


 76.3138, 0.3029,
0.3383

 14.1674, 0.5464,
0.2789

 89.4809, 0.2955,
0.3462

 14.1171, 0.5487,
0.2796

 91.9097, 0.2886,
0.3352

 92.2920, 0.2855,
0.3289

Harmonies

Analogous

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



31.2027, 0.3145, 0.2578



31.2027, 0.3725, 0.2902



31.2027, 0.4152, 0.3321

Triad

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



31.2027, 0.3725, 0.2902



31.2027, 0.3587, 0.4334



31.2027, 0.2102, 0.2665

Complementary

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



31.2027, 0.3725, 0.2902



53.3164, 0.2764, 0.3723

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.



31.2027, 0.2195, 0.3122



31.2027, 0.3725, 0.2902



31.2027, 0.3027, 0.4183

Square

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



31.2027, 0.3725, 0.2902



31.2027, 0.4047, 0.4148



31.2027, 0.2522, 0.3705



31.2027, 0.2246, 0.2427

Rectangle

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



31.2027, 0.3725, 0.2902



31.2027, 0.4267, 0.3620



31.2027, 0.2522, 0.3705



31.2027, 0.2107, 0.2795

Sweetspot

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



31.2042, 0.3725, 0.2902



80.8412, 0.3266, 0.3176



29.1982, 0.2862, 0.2237



16.8973, 0.3284, 0.3163



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.



31.2042, 0.3725, 0.2902



41.9448, 0.3917, 0.2822



32.8564, 0.4053, 0.3414



11.8812, 0.3232, 0.3202



8.7241, 0.5449, 0.2775



0.5031, 0.4950, 0.2501

Inverse Universe

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



31.2042, 0.3725, 0.2902



41.9448, 0.3917, 0.2822



50.1538, 0.2568, 0.3159



11.8812, 0.3232, 0.3202



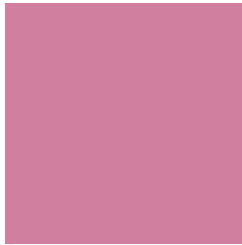
8.7241, 0.5449, 0.2775



0.5031, 0.4950, 0.2501

Previews

White Background



This preview shows how the Yxy color 31.2027, 0.3725, 0.2902 looks on a white background.

Color Contrast Check

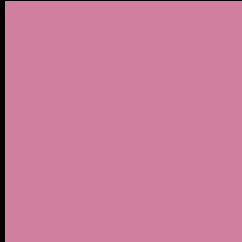
Large Text (above 18pt) WCAG AA × Fail

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 31.2027, 0.3725, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

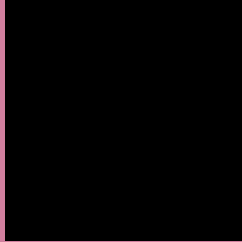
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2027, 0.3725, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 31.2027, 0.3725, 0.2902.



This preview shows how white text looks on a background with the Yxy color 31.2027, 0.3725, 0.2902.

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

31.2027, 0.3725, 0.2902

Protanopia

31.5399, 0.2910, 0.2961

Deuteranopia

31.3075, 0.3257, 0.3187



Tritanopia

31.1241, 0.3909, 0.3164

Trichromacy



Original Color

31.2027, 0.3725, 0.2902

Protanomaly

30.8311, 0.3176, 0.2920

Deuteranomaly

31.0678, 0.3430, 0.3081

Tritanomaly

31.2170, 0.3839, 0.3063

Monochromacy



Original Color

31.2027, 0.3725, 0.2902

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.7651, 0.3335, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2027, 0.3725, 0.2902 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, 127, 158)` looks like.

```
.text, #text, p{  
    color:rgb(209, 127, 158)  
}
```

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, 127, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 127, 158) }
```

Border

The CSS property to change the border of an element to Yxy 31.2027, 0.3725, 0.2902 is called "border". The border property can be set on classes, ids or directly on the HTML element.

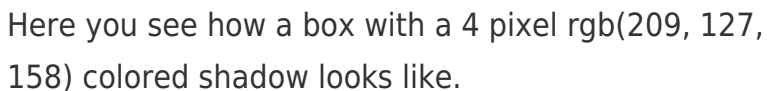
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 127, 158) }
```

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

```
.border{ border-color:rgb(209, 127, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 127, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 127, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 127, 158); box-shadow:4px 4px 4px 4px rgb(209, 127, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2027, 0.3725, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 127, 158) }
```

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

```
.background{ background-color: rgb(209,  
127, 158) }
```

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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