

Converting Colors

Yxy(27.2023, 0.3783, 0.2938)

Have a look what the booklet for
Yxy(27.2023, 0.3783, 0.2938)
contains.

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Color

Yxy(27.2438, 0.3786, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	C67791
RGB	198, 119, 145
RGB Percent	78%, 47%, 57%
CMY	0.2235, 0.5334, 0.4314
CMYK	0.00, 0.40, 0.27, 0.22
HSL	340°, 41%, 62%
HSV	340°, 40%, 78%
XYZ	35.0000, 27.2438, 30.2021
YIQ	145.5850, 38.7380, 24.8340

Conversions

Conversions Part 2

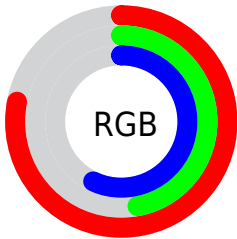
Format	Color
R _Y B	198, 119, 145
Decimal	13006737
CIE Lab	59.20, 34.25, -0.78
CIE LCh	59, 34.256, 358.696
Yxy	27.2438, 0.3786, 0.2947
Android (android.graphics.Color)	4291196817 (0xFFC67791)
YUV	145.5850, -0.2884, 45.9680
Hunter-Lab	52.1956, 28.3518, 2.2298

Details

The Yxy color **27.2438, 0.3786, 0.2947** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.2973, 0.2736, 0.3671**, and the grayscale version is **28.5559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8886, 0.3636, 0.3011**, and **10.7113, 0.4014, 0.2812** is the 20% darker color. If you saturate the color by 10%, you get **22.6268, 0.4043, 0.2866**, and if you desaturate by 10%, it is **32.8932, 0.3570, 0.3035**.

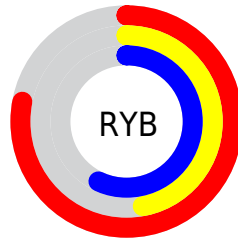
Distribution



Red (78%)

Green (47%)

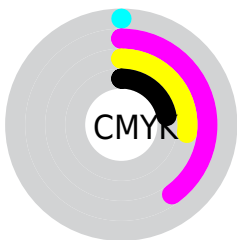
Blue (57%)



Red (78%)

Yellow (47%)

Blue (57%)

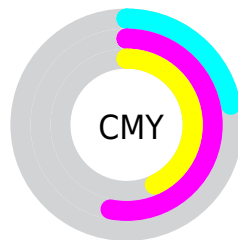


Cyan (0%)

Magenta (40%)

Yellow (27%)

Black (22%)



Cyan (22%)


Magenta (53%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2438, 0.3786, 0.2947 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 27.2438, 0.3786, 0.2947 by changing the saturation by 10% instead.

 27.2438, 0.3786,
0.2947


 27.2438, 0.3786,
0.2947


288.8356, 0.3428,
0.3133


 17.7564, 0.3886,
0.2895


 55.2748, 0.3649,
0.3018

 10.7752, 0.4021,
0.2826


 74.5873, 0.3599,
0.3044

 5.9159, 0.4213,
0.2727

 97.9435, 0.3558,
0.3065

 2.7940, 0.4509,
0.2576

125.7280, 0.3524,
0.3083

 1.0252, 0.5017,
0.2319

158.3250, 0.3495,
0.3098

 0.0000, 1.0000,
0.0000

196.1190, 0.3470,

 0.0000, 0.0000,

0.3111

0.0000

239.4944, 0.3448,
0.3123

■ 27.2438, 0.3786,
0.2947

■ 27.2438, 0.3786,
0.2947

■ 22.6268, 0.4043,
0.2866

■ 32.8932, 0.3570,
0.3035

■ 18.9751, 0.4340,
0.2800

■ 39.6289, 0.3392,
0.3124

■ 16.2201, 0.4671,
0.2761


■ 47.5054, 0.3246,
0.3210

■ 14.2819, 0.5020,
0.2761


■ 56.5728, 0.3126,
0.3291

■ 13.0665, 0.5360,
0.2808


■ 66.8779, 0.3029,
0.3366

 12.3973, 0.5666,
0.2896

 78.4651, 0.2949,
0.3435

 12.3919, 0.5669,
0.2896

 89.7012, 0.2882,
0.3471

 90.5112, 0.2813,
0.3328

 90.7483, 0.2795,
0.3289

Harmonies

Analogous

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



27.2438, 0.3213, 0.2609



27.2438, 0.3786, 0.2947



27.2438, 0.4183, 0.3373

Triad

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



27.2438, 0.3786, 0.2947



27.2438, 0.3525, 0.4335



27.2438, 0.2107, 0.2626

Complementary

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



27.2438, 0.3786, 0.2947



47.2973, 0.2736, 0.3671

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.



27.2438, 0.2172, 0.3060



27.2438, 0.3786, 0.2947



27.2438, 0.2963, 0.4141

Square

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



27.2438, 0.3786, 0.2947



27.2438, 0.4004, 0.4182



27.2438, 0.2473, 0.3637



27.2438, 0.2278, 0.2414

Rectangle

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



27.2438, 0.3786, 0.2947



27.2438, 0.4271, 0.3671



27.2438, 0.2473, 0.3637



27.2438, 0.2102, 0.2748

Sweetspot

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



27.2451, 0.3786, 0.2947



80.7542, 0.3276, 0.3191



26.0047, 0.2898, 0.2234



16.8769, 0.3295, 0.3179



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.



27.2451, 0.3786, 0.2947



40.9383, 0.4010, 0.2875



29.8876, 0.4050, 0.3469



10.6935, 0.3239, 0.3214



8.0713, 0.5633, 0.2877



0.3956, 0.5037, 0.2548

Inverse Universe

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



27.2451, 0.3786, 0.2947



40.9383, 0.4010, 0.2875



42.6340, 0.2553, 0.3099



10.6935, 0.3239, 0.3214



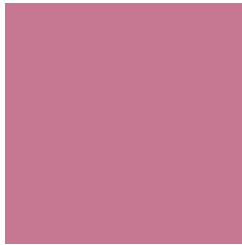
8.0713, 0.5633, 0.2877



0.3956, 0.5037, 0.2548

Previews

White Background



This preview shows how the Yxy color 27.2438, 0.3786, 0.2947 looks on a white background.

Color Contrast Check

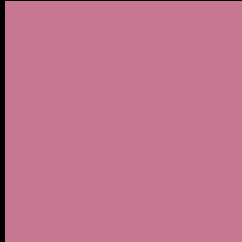
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2438, 0.3786, 0.2947 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 27.2438, 0.3786, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 27.2438, 0.3786, 0.2947.



This preview shows how white text looks on a background with the Yxy color 27.2438, 0.3786, 0.2947.

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

27.2438, 0.3786, 0.2947

Protanopia

27.5119, 0.2954, 0.3019

Deuteranopia

27.2981, 0.3296, 0.3228



Tritanopia

27.4281, 0.3941, 0.3172

Trichromacy



Original Color

27.2438, 0.3786, 0.2947

Protanomaly

27.0647, 0.3230, 0.2988

Deuteranomaly

26.9864, 0.3471, 0.3113

Tritanomaly

27.3226, 0.3881, 0.3091

Monochromacy



Original Color

27.2438, 0.3786, 0.2947

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.6830, 0.3347, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2438, 0.3786, 0.2947 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(198, 119, 145)` looks like.

```
.text, #text, p{  
    color:rgb(198, 119, 145)  
}
```

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(198, 119, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 119, 145) }
```

Border

The CSS property to change the border of an element to Yxy 27.2438, 0.3786, 0.2947 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(198, 119, 145) }
```

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

```
.border{ border-color:rgb(198, 119, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 119, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 119, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 119, 145); box-shadow:4px 4px 4px 4px rgb(198, 119, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2438, 0.3786, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 119, 145) }
```

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

```
.background{ background-color: rgb(198,  
119, 145) }
```

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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