

Converting Colors

$Yxy(60.7364, 0.2998, 0.2793)$

Have a look what the booklet for
Yxy(60.7364, 0.2998, 0.2793)
contains.

Yxy(60.7532, 0.2999, 0.2794)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7532, 0.2999, 0.2794)

Conversions

Conversions Part 1

Format	Color
Hex	DDC3F1
RGB	221, 195, 241
RGB Percent	87%, 76%, 95%
CMY	0.1332, 0.2353, 0.0551
CMYK	0.08, 0.19, 0.00, 0.06
HSL	274°, 62%, 85%
HSV	274°, 19%, 94%
XYZ	65.2108, 60.7532, 91.4777
YIQ	208.0180, 0.7300, 19.8180

Conversions

Conversions Part 2

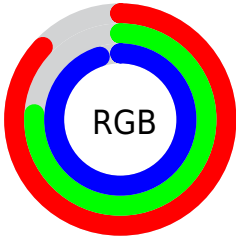
Format	Color
R _Y B	221, 195, 241
Decimal	14533617
CIE Lab	82.25, 17.52, -19.33
CIE LCh	82, 26.086, 312.186
Yxy	60.7532, 0.2999, 0.2794
Android (android.graphics.Color)	4292723697 (0xFFDDC3F1)
YUV	208.0180, 16.2601, 11.3852
Hunter-Lab	77.9443, 12.9363, -15.0234

Details

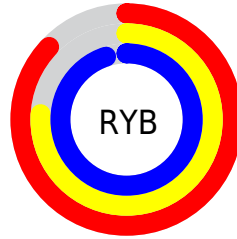
The Yxy color **60.7532, 0.2999, 0.2794** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.2667, 0.3235, 0.3793**, and the grayscale version is **62.9831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **30.6595, 0.2965, 0.2673** is the 20% darker color. If you saturate the color by 10%, you get **49.2243, 0.2915, 0.2511**, and if you desaturate by 10%, it is **74.1318, 0.3071, 0.3063**.

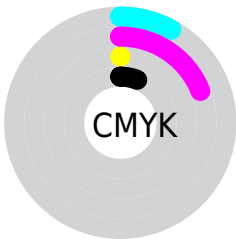
Distribution



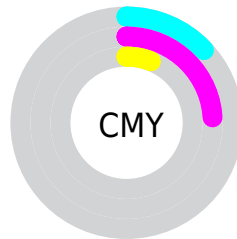
- Red (87%)
- Green (76%)
- Blue (95%)



- Red (87%)
- Yellow (76%)
- Blue (95%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (6%)





- Cyan (13%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7532, 0.2999, 0.2794 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 60.7532, 0.2999, 0.2794 by changing the saturation by 10% instead.


 60.7532, 0.2999,
0.2794

 60.7532, 0.2999,
0.2794


427.3685, 0.3063,
0.3022

 44.0260, 0.2983,
0.2742

 105.9215, 0.3022,
0.2873

 30.6910, 0.2963,
0.2678


135.1314, 0.3031,
0.2904

 20.3636, 0.2937,
0.2598


169.2710, 0.3038,
0.2930

 12.6597, 0.2902,
0.2494

208.7248, 0.3044,
0.2954

 7.1946, 0.2851,
0.2353

253.8770, 0.3050,
0.2974

 3.5841, 0.2773,
0.2155

305.1121, 0.3055,

 1.4437, 0.2639,

0.2992

0.1855

362.8145, 0.3059,
0.3008

0.2486, 0.2463,
0.0922

0.0000, 0.0000,
0.0000

60.7532, 0.2999,
0.2794

60.7532, 0.2999,
0.2794

49.2243, 0.2915,
0.2511

74.1318, 0.3071,
0.3063

39.4520, 0.2820,
0.2220

89.4319, 0.3132,
0.3312

31.3469, 0.2715,
0.1931

98.6361, 0.3192,
0.3426

24.8080, 0.2601,
0.1658

99.1286, 0.3209,
0.3425

■ 19.7233, 0.2484,
0.1413

■ 15.9653, 0.2367,
0.1212

■ 13.3829, 0.2255,
0.1061

■ 11.7479, 0.2152,
0.0962

■ 11.6176, 0.2143,
0.0954

Harmonies

Analogous

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



60.7532, 0.2710, 0.2743



60.7532, 0.2999, 0.2794



60.7532, 0.3339, 0.2961

Triad

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



60.7532, 0.2999, 0.2794



60.7532, 0.3748, 0.3729



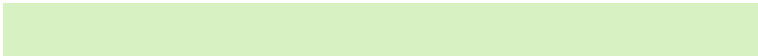
60.7532, 0.2641, 0.3347

Complementary

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



60.7532, 0.2999, 0.2794



81.2667, 0.3235, 0.3793

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.



60.7532, 0.2899, 0.3656



60.7532, 0.2999, 0.2794



60.7532, 0.3540, 0.3874

Square

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



60.7532, 0.2999, 0.2794



60.7532, 0.3784, 0.3483



60.7532, 0.3228, 0.3855



60.7532, 0.2512, 0.3040

Rectangle

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



60.7532, 0.2999, 0.2794



60.7532, 0.3546, 0.3118



60.7532, 0.3228, 0.3855



60.7532, 0.2715, 0.3456

Sweetspot

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



60.7558, 0.2999, 0.2794



89.3863, 0.3091, 0.3141



66.9014, 0.2824, 0.3006



18.8955, 0.3087, 0.3124



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.



60.7558, 0.2999, 0.2794



63.6071, 0.2967, 0.2682



63.9378, 0.3166, 0.2839



15.6702, 0.3069, 0.3052



6.3834, 0.2159, 0.0963



0.5897, 0.2291, 0.1036

Inverse Universe

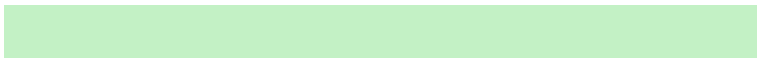
The Inverse Universe completely reimagines the original color for something new.



62.6291, 0.3345, 0.3079



66.1610, 0.3401, 0.3032



78.5355, 0.3089, 0.3787



15.8727, 0.3225, 0.3188



10.7152, 0.5237, 0.2659



0.9110, 0.4905, 0.2476

Previews

White Background



This preview shows how the Yxy color 60.7532, 0.2999, 0.2794 looks on a white background.

Color Contrast Check

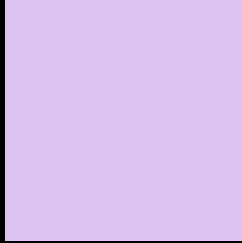
Large Text (above 18pt) WCAG AA × Fail

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 60.7532, 0.2999, 0.2794 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 60.7532, 0.2999, 0.2794

Background



This preview shows how black text looks on a background with the Yxy color 60.7532, 0.2999, 0.2794.



This preview shows how white text looks on a background with the Yxy color 60.7532, 0.2999, 0.2794.

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

60.7532, 0.2999, 0.2794

Protanopia

60.9678, 0.2785, 0.2807

Deuteranopia

61.0097, 0.2911, 0.2847



Tritanopia

60.9666, 0.3151, 0.3121

Trichromacy



Original Color

60.7532, 0.2999, 0.2794

Protanomaly

60.6776, 0.2857, 0.2801

Deuteranomaly

60.8256, 0.2947, 0.2829

Tritanomaly

60.6754, 0.3094, 0.3001

Monochromacy



Original Color

60.7532, 0.2999, 0.2794

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.0253, 0.3083, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7532, 0.2999, 0.2794 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(221, 195, 241)` looks like.

```
.text, #text, p{  
    color:rgb(221, 195, 241)  
}
```

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(221, 195, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 195, 241) }
```

Border

The CSS property to change the border of an element to Yxy 60.7532, 0.2999, 0.2794 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(221, 195, 241) }
```

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

```
.border{ border-color:rgb(221, 195, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 195, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 195, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 195, 241);  
box-shadow:4px 4px 4px 4px rgb(221, 195,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7532, 0.2999, 0.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 195, 241) }
```

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

```
.background{ background-color: rgb(221,  
195, 241) }
```

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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