

Converting Colors

$Y_{xy}(42.5954, 0.3170, 0.2706)$

Have a look what the booklet for
Yxy(42.5954, 0.3170, 0.2706)
contains.

Yxy(42.5140, 0.3173, 0.2709)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.5140, 0.3173, 0.2709)

Conversions

Conversions Part 1

Format	Color
Hex	D19ECF
RGB	209, 158, 207
RGB Percent	82%, 62%, 81%
CMY	0.1802, 0.3805, 0.1882
CMYK	0.00, 0.24, 0.01, 0.18
HSL	302°, 36%, 72%
HSV	302°, 24%, 82%
XYZ	49.7958, 42.5140, 64.6263
YIQ	178.8350, 14.6670, 26.0510

Conversions

Conversions Part 2

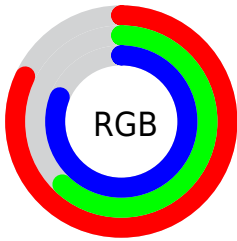
Format	Color
R_{YB}	209, 158, 207
Decimal	13737679
CIE Lab	71.22, 27.11, -17.69
CIE LCh	71, 32.375, 326.872
Yxy	42.5140, 0.3173, 0.2709
Android (android.graphics.Color)	4291927759 (0xFFD19ECF)
YUV	178.8350, 13.8853, 26.4547
Hunter-Lab	65.2028, 22.2170, -13.1239

Details

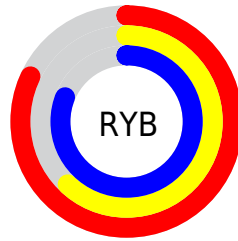
The Yxy color $42.5140, 0.3173, 0.2709$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $55.4305, 0.3082, 0.3949$, and the grayscale version is $44.9084, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0685, 0.3146, 0.2881$, and $19.4780, 0.3174, 0.2552$ is the 20% darker color. If you saturate the color by 10%, you get $35.9411, 0.3194, 0.2472$, and if you desaturate by 10%, it is $50.3038, 0.3153, 0.2950$.

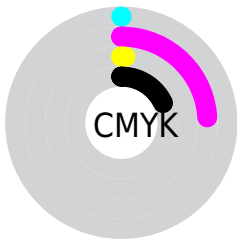
Distribution



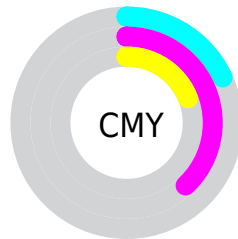
- Red (82%)
- Green (62%)
- Blue (81%)



- Red (82%)
- Yellow (62%)
- Blue (81%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (18%)





- Cyan (18%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5140, 0.3173, 0.2709 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 42.5140, 0.3173, 0.2709 by changing the saturation by 10% instead.


 42.5140, 0.3173,
0.2709

 42.5140, 0.3173,
0.2709


356.6093, 0.3155,
0.2990

 29.5040, 0.3176,
0.2642


 78.9770, 0.3168,
0.2809

 19.4624, 0.3179,
0.2557


 103.1987, 0.3165,
0.2847

 12.0049, 0.3181,
0.2448


131.9264, 0.3163,
0.2880

 6.7470, 0.3182,
0.2300

165.5446, 0.3161,
0.2908

 3.3044, 0.3177,
0.2093

204.4375, 0.3160,
0.2932

 1.2926, 0.3158,
0.1781

248.9897, 0.3158,

 0.1355, 0.3330,

0.2954

0.0571

299.5855, 0.3157,
0.2973

0.0000, 0.0000,
0.0000

42.5140, 0.3173,
0.2709

42.5140, 0.3173,
0.2709

35.9411, 0.3194,
0.2472

50.3038, 0.3153,
0.2950

30.5181, 0.3215,
0.2248

59.3620, 0.3135,
0.3187

26.1802, 0.3236,
0.2047


69.7438, 0.3118,
0.3416


22.8538, 0.3256,
0.1877

81.4995, 0.3103,
0.3632

20.4562, 0.3274,
0.1746

89.7942, 0.3092,
0.3760


 18.8917, 0.3291,
0.1658

 89.8359, 0.3088,
0.3751

 18.0440, 0.3305,
0.1612

 89.8779, 0.3083,
0.3742

 17.7678, 0.3312,
0.1598

 89.9201, 0.3078,
0.3732

 89.9625, 0.3074,
0.3723

Harmonies

Analogous

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



42.5140, 0.2726, 0.2557



42.5140, 0.3173, 0.2709



42.5140, 0.3639, 0.2990

Triad

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



42.5140, 0.3173, 0.2709



42.5140, 0.3870, 0.4015



42.5140, 0.2347, 0.3138

Complementary

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



42.5140, 0.3173, 0.2709



55.4305, 0.3082, 0.3949

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.



42.5140, 0.2614, 0.3601



42.5140, 0.3173, 0.2709



42.5140, 0.3489, 0.4136

Square

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



42.5140, 0.3173, 0.2709



42.5140, 0.4055, 0.3716



42.5140, 0.3028, 0.3988



42.5140, 0.2277, 0.2768

Rectangle

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



42.5140, 0.3173, 0.2709



42.5140, 0.3885, 0.3223



42.5140, 0.3028, 0.3988



42.5140, 0.2415, 0.3289

Sweetspot

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



42.5159, 0.3173, 0.2709



89.0897, 0.3140, 0.3125



36.4943, 0.2726, 0.2606



18.8779, 0.3141, 0.3111



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.



42.5159, 0.3173, 0.2709



61.3605, 0.3183, 0.2592



41.3795, 0.3403, 0.2998



12.0006, 0.3144, 0.3070



10.9529, 0.3310, 0.1597



0.6150, 0.3290, 0.1586

Inverse Universe

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



42.5159, 0.3173, 0.2709



61.3605, 0.3183, 0.2592



56.4041, 0.2918, 0.3602



12.0006, 0.3144, 0.3070



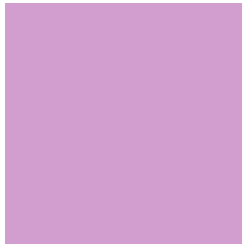
10.9529, 0.3310, 0.1597



0.6150, 0.3290, 0.1586

Previews

White Background



This preview shows how the Yxy color 42.5140, 0.3173, 0.2709 looks on a white background.

Color Contrast Check

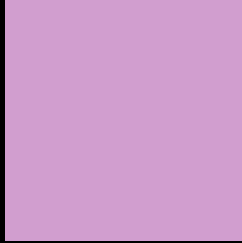
Large Text (above 18pt) WCAG AA × Fail

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 42.5140, 0.3173, 0.2709 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 42.5140, 0.3173, 0.2709

Background



This preview shows how black text looks on a background with the Yxy color 42.5140, 0.3173, 0.2709.



This preview shows how white text looks on a background with the Yxy color 42.5140, 0.3173, 0.2709.

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

42.5140, 0.3173, 0.2709

Protanopia

42.7894, 0.2721, 0.2722

Deuteranopia

42.5043, 0.2908, 0.2839



Tritanopia

42.6646, 0.3408, 0.3141

Trichromacy



Original Color

42.5140, 0.3173, 0.2709

Protanomaly

42.5127, 0.2871, 0.2723

Deuteranomaly

42.5475, 0.3001, 0.2790

Tritanomaly

42.5503, 0.3319, 0.2983

Monochromacy



Original Color

42.5140, 0.3173, 0.2709

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.7471, 0.3147, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5140, 0.3173, 0.2709 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, 158, 207)` looks like.

```
.text, #text, p{  
    color:rgb(209, 158, 207)  
}
```

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, 158, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 158, 207) }
```

Border

The CSS property to change the border of an element to Yxy 42.5140, 0.3173, 0.2709 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, 158, 207) }
```

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

```
.border{ border-color:rgb(209, 158, 207) }
```

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

Here you see how a box with a 4 pixel rgb(209, 158, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 158, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 158, 207);  
box-shadow:4px 4px 4px 4px rgb(209, 158,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5140, 0.3173, 0.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 158, 207) }
```

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

```
.background{ background-color: rgb(209,  
158, 207) }
```

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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