

Converting Colors

$Y_{xy}(42.9550, 0.3155, 0.2699)$

Have a look what the booklet for
Yxy(42.9550, 0.3155, 0.2699)
contains.

Yxy(42.9550, 0.3155, 0.2699)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.9550, 0.3155, 0.2699)

Conversions

Conversions Part 1

Format	Color
Hex	D19FD1
RGB	209, 159, 209
RGB Percent	82%, 62%, 82%
CMY	0.1802, 0.3765, 0.1803
CMYK	0.00, 0.24, 0.00, 0.18
HSL	300°, 35%, 72%
HSV	300°, 24%, 82%
XYZ	50.2123, 42.9550, 65.9842
YIQ	179.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

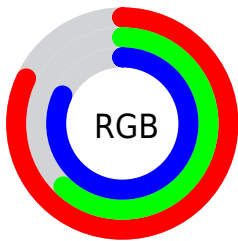
Format	Color
R _Y B	209, 159, 209
Decimal	13737937
CIE Lab	71.52, 26.94, -18.34
CIE LCh	72, 32.590, 325.746
Yxy	42.9550, 0.3155, 0.2699
Android (android.graphics.Color)	4291928017 (0xFFD19FD1)
YUV	179.6500, 14.4695, 25.7399
Hunter-Lab	65.5401, 22.0594, -13.8138

Details

The Yxy color $42.9550, 0.3155, 0.2699$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $55.4934, 0.3096, 0.3962$, and the grayscale version is $45.3627, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5731, 0.3146, 0.2891$, and $19.7185, 0.3162, 0.2553$ is the 20% darker color. If you saturate the color by 10%, you get $36.3658, 0.3167, 0.2454$, and if you desaturate by 10%, it is $50.7637, 0.3143, 0.2948$.

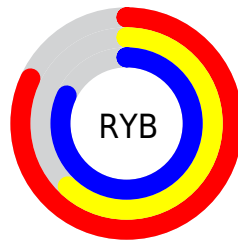
Distribution



Red (82%)

Green (62%)

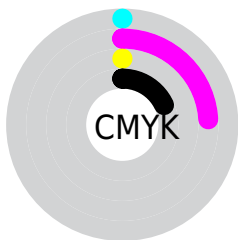
Blue (82%)



Red (82%)

Yellow (62%)

Blue (82%)

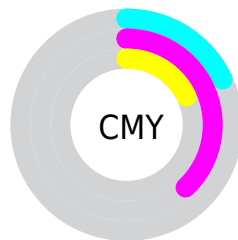


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9550, 0.3155, 0.2699 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 42.9550, 0.3155, 0.2699 by changing the saturation by 10% instead.

 42.9550, 0.3155,
0.2699


 42.9550, 0.3155,
0.2699


358.4267, 0.3147,
0.2984

 29.8498, 0.3156,
0.2631


 79.6429, 0.3153,
0.2800

 19.7246, 0.3155,
0.2546


 103.9945, 0.3152,
0.2839

 12.1950, 0.3154,
0.2435


132.8636, 0.3151,
0.2872

 6.8766, 0.3149,
0.2287

166.6347, 0.3150,
0.2901

 3.3851, 0.3136,
0.2078

205.6922, 0.3149,
0.2925

 1.3359, 0.3103,
0.1767

250.4204, 0.3148,

 0.1688, 0.3214,

0.2947

0.0663

301.2038, 0.3147,
0.2967

0.0000, 0.0000,
0.0000

42.9550, 0.3155,
0.2699

42.9550, 0.3155,
0.2699

36.3658, 0.3167,
0.2454

50.7637, 0.3143,
0.2948

30.9292, 0.3177,
0.2223

59.8431, 0.3132,
0.3195

26.5808, 0.3187,
0.2016

70.2482, 0.3120,
0.3433

23.2473, 0.3196,
0.1841

82.0294, 0.3110,
0.3657

20.8465, 0.3202,
0.1705

89.6874, 0.3104,
0.3783

■ 19.2836, 0.3206,
0.1611

■ 89.6877, 0.3104,
0.3783

■ 18.4435, 0.3209,
0.1559

■ 89.6880, 0.3104,
0.3783

■ 18.1642, 0.3210,
0.1542

■ 89.6882, 0.3104,
0.3783

■ 89.6885, 0.3104,
0.3783

Harmonies

Analogous

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



42.9550, 0.2710, 0.2553



42.9550, 0.3155, 0.2699



42.9550, 0.3625, 0.2976

Triad

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



42.9550, 0.3155, 0.2699



42.9550, 0.3883, 0.4008



42.9550, 0.2351, 0.3154

Complementary

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



42.9550, 0.3155, 0.2699



55.4934, 0.3096, 0.3962

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.



42.9550, 0.2626, 0.3620



42.9550, 0.3155, 0.2699



42.9550, 0.3507, 0.4138

Square

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



42.9550, 0.3155, 0.2699



42.9550, 0.4060, 0.3704



42.9550, 0.3045, 0.4001



42.9550, 0.2273, 0.2777

Rectangle

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



42.9550, 0.3155, 0.2699



42.9550, 0.3876, 0.3209



42.9550, 0.3045, 0.4001



42.9550, 0.2422, 0.3307

Sweetspot

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



42.9569, 0.3155, 0.2699



89.1350, 0.3135, 0.3118



36.7655, 0.2721, 0.2619



18.8884, 0.3136, 0.3103



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.



42.9569, 0.3155, 0.2699



61.5469, 0.3161, 0.2566



41.8132, 0.3380, 0.2985



12.0090, 0.3138, 0.3061



11.1946, 0.3210, 0.1542



0.6259, 0.3210, 0.1542

Inverse Universe

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



42.9569, 0.3155, 0.2699



61.5469, 0.3161, 0.2566



56.4516, 0.2932, 0.3618



12.0090, 0.3138, 0.3061



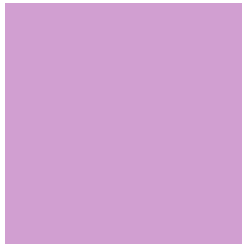
11.1946, 0.3210, 0.1542



0.6259, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 42.9550, 0.3155, 0.2699 looks on a white background.

Color Contrast Check

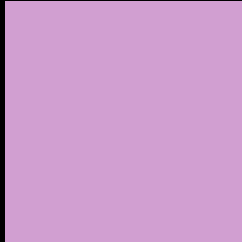
Large Text (above 18pt) WCAG AA × Fail

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 42.9550, 0.3155, 0.2699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

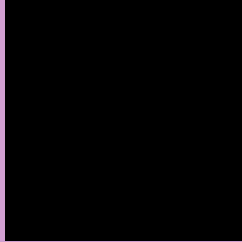
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9550, 0.3155, 0.2699

Background



This preview shows how black text looks on a background with the Yxy color 42.9550, 0.3155, 0.2699.



This preview shows how white text looks on a background with the Yxy color 42.9550, 0.3155, 0.2699.

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

42.9550, 0.3155, 0.2699

Protanopia

43.3859, 0.2716, 0.2713

Deuteranopia

42.9779, 0.2893, 0.2829



Tritanopia

43.1038, 0.3388, 0.3129

Trichromacy



Original Color

42.9550, 0.3155, 0.2699

Protanomaly

43.1060, 0.2865, 0.2714

Deuteranomaly

43.0103, 0.2985, 0.2779

Tritanomaly

42.9903, 0.3300, 0.2972

Monochromacy



Original Color

42.9550, 0.3155, 0.2699

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.3430, 0.3138, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9550, 0.3155, 0.2699 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, 159, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 159, 209)  
}
```

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, 159, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 159, 209) }
```

Border

The CSS property to change the border of an element to Yxy 42.9550, 0.3155, 0.2699 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, 159, 209) }
```

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

```
.border{ border-color:rgb(209, 159, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 159, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 159, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 159, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 159,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9550, 0.3155, 0.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 159, 209) }
```

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

```
.background{ background-color: rgb(209,  
159, 209) }
```

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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