

Converting Colors

$Yxy(63.2055, 0.2892, 0.2768)$

Have a look what the booklet for
Yxy(63.2055, 0.2892, 0.2768)
contains.

Yxy(62.9716, 0.2890, 0.2762)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.9716, 0.2890, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	D6C9FA
RGB	214, 201, 250
RGB Percent	84%, 79%, 98%
CMY	0.1605, 0.2118, 0.0196
CMYK	0.14, 0.20, 0.00, 0.02
HSL	256°, 83%, 88%
HSV	256°, 20%, 98%
XYZ	65.8899, 62.9716, 99.1313
YIQ	210.4730, -7.9810, 17.9950

Conversions

Conversions Part 2

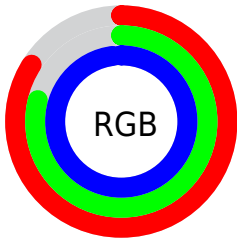
Format	Color
R _Y B	214, 201, 250
Decimal	14076410
CIE Lab	83.43, 13.95, -22.41
CIE LCh	83, 26.402, 301.897
Yxy	62.9716, 0.2890, 0.2762
Android (android.graphics.Color)	4292266490 (0xFFD6C9FA)
YUV	210.4730, 19.4868, 3.0932
Hunter-Lab	79.3546, 9.3418, -18.5179

Details

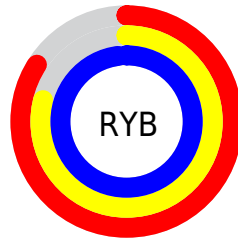
The Yxy color $62.9716, 0.2890, 0.2762$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $90.5835, 0.3335, 0.3794$, and the grayscale version is $64.6564, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.0886, 0.2833, 0.2646$ is the 20% darker color. If you saturate the color by 10%, you get $49.6475, 0.2743, 0.2455$, and if you desaturate by 10%, it is $78.5080, 0.3019, 0.3045$.

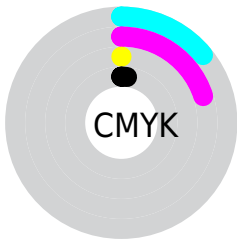
Distribution



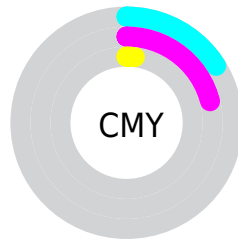
- Red (84%)
- Green (79%)
- Blue (98%)



- Red (84%)
- Yellow (79%)
- Blue (98%)



- Cyan (14%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9716, 0.2890, 0.2762 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 62.9716, 0.2890, 0.2762 by changing the saturation by 10% instead.

■ 62.9716, 0.2890,
0.2762

■ 62.9716, 0.2890,
0.2762

435.4664, 0.3004,
0.3004

■ 45.8182, 0.2863,
0.2707

109.1285, 0.2930,
0.2845

■ 32.1024, 0.2829,
0.2640

138.9009, 0.2946,
0.2878

■ 21.4397, 0.2786,
0.2556

173.6484, 0.2959,
0.2906

■ 13.4458, 0.2728,
0.2448

213.7554, 0.2971,
0.2931

■ 7.7362, 0.2647,
0.2302

259.6063, 0.2981,
0.2952

■ 3.9266, 0.2528,
0.2099

311.5855, 0.2989,

■ 1.6326, 0.2336,

0.2972

0.1798

370.0774, 0.2997,
0.2989

0.3794, 0.2027,
0.1097

0.0000, 0.0000,
0.0000

62.9716, 0.2890,
0.2762

62.9716, 0.2890,
0.2762

49.6475, 0.2743,
0.2455

78.5080, 0.3019,
0.3045

38.4261, 0.2580,
0.2130

96.3441, 0.3131,
0.3299

29.1998, 0.2406,
0.1800

99.6827, 0.3156,
0.3338

21.8485, 0.2225,
0.1480

■ 16.2387, 0.2049,
0.1192

■ 12.2187, 0.1889,
0.0955

■ 9.6093, 0.1754,
0.0786

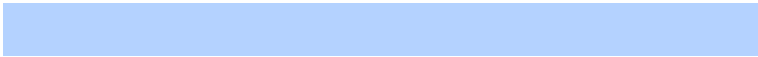
■ 8.1340, 0.1652,
0.0685

■ 8.0876, 0.1649,
0.0682

Harmonies

Analogous

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



62.9716, 0.2635, 0.2755



62.9716, 0.2890, 0.2762



62.9716, 0.3222, 0.2892

Triad

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



62.9716, 0.2890, 0.2762



62.9716, 0.3782, 0.3652



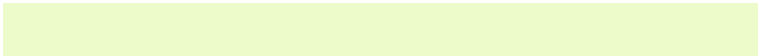
62.9716, 0.2717, 0.3459

Complementary

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



62.9716, 0.2890, 0.2762



90.5835, 0.3335, 0.3794

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.



62.9716, 0.3008, 0.3742



62.9716, 0.2890, 0.2762



62.9716, 0.3628, 0.3840

Square

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



62.9716, 0.2890, 0.2762



62.9716, 0.3752, 0.3388



62.9716, 0.3341, 0.3882



62.9716, 0.2539, 0.3139

Rectangle

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



62.9716, 0.2890, 0.2762



62.9716, 0.3444, 0.3034



62.9716, 0.3341, 0.3882



62.9716, 0.2804, 0.3563

Sweetspot

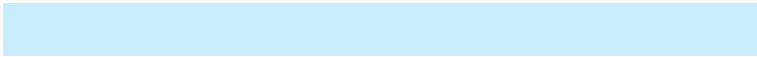
The Sweet Spot groups the original color and five complimentary colors.



62.9742, 0.2890, 0.2762



88.5584, 0.3062, 0.3140



79.8484, 0.2824, 0.3149



18.7000, 0.3054, 0.3123



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.



62.9742, 0.2890, 0.2762



59.4372, 0.2827, 0.2629



66.9429, 0.3066, 0.2789



16.8671, 0.3021, 0.3048



4.3491, 0.1662, 0.0689



0.4523, 0.1781, 0.0755

Inverse Universe

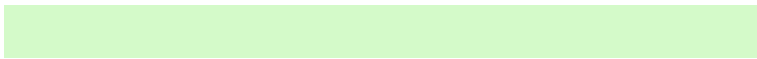
The Inverse Universe completely reimagines the original color for something new.



68.1997, 0.3244, 0.2927



65.9664, 0.3275, 0.2842



86.6529, 0.3174, 0.3820



17.4408, 0.3179, 0.3118



12.6245, 0.4025, 0.1991



1.1868, 0.3905, 0.1925

Previews

White Background



This preview shows how the Yxy color 62.9716, 0.2890, 0.2762 looks on a white background.

Color Contrast Check

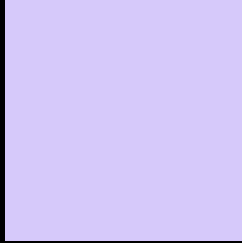
Large Text (above 18pt) WCAG AA × Fail

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 62.9716, 0.2890, 0.2762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

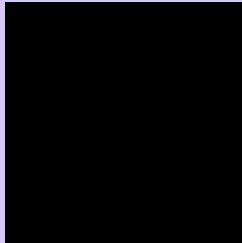
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9716, 0.2890, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 62.9716, 0.2890, 0.2762.



This preview shows how white text looks on a background with the Yxy color 62.9716, 0.2890, 0.2762.

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

62.9716, 0.2890, 0.2762

Protanopia

63.1048, 0.2759, 0.2771

Deuteranopia

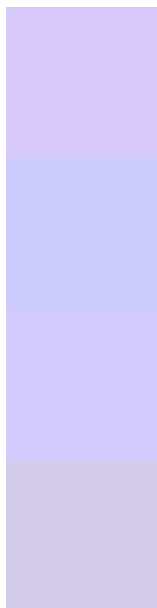
62.8794, 0.2842, 0.2777



Tritanopia

62.9718, 0.3039, 0.3109

Trichromacy



Original Color

62.9716, 0.2890, 0.2762

Protanomaly

62.9105, 0.2803, 0.2764

Deuteranomaly

62.8448, 0.2862, 0.2769

Tritanomaly

62.8608, 0.2986, 0.2979

Monochromacy



Original Color

62.9716, 0.2890, 0.2762

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.9108, 0.3033, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9716, 0.2890, 0.2762 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(214, 201, 250)` looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 250)  
}
```

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(214, 201, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 250) }
```

Border

The CSS property to change the border of an element to Yxy 62.9716, 0.2890, 0.2762 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(214, 201, 250) }
```

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

```
.border{ border-color:rgb(214, 201, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 201, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 250);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9716, 0.2890, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 250) }
```

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

```
.background{ background-color: rgb(214,  
201, 250) }
```

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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