

Converting Colors

$Y_{xy}(65.6995, 0.2904, 0.2753)$

Have a look what the booklet for
Yxy(65.6995, 0.2904, 0.2753)
contains.

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Color

Yxy(65.6214, 0.2901, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	DCCCFF
RGB	220, 204, 255
RGB Percent	86%, 80%, 100%
CMY	0.1370, 0.2001, 0.0000
CMYK	0.14, 0.20, 0.00, 0.00
HSL	259°, 100%, 90%
HSV	259°, 20%, 100%
XYZ	69.1743, 65.6214, 103.6542
YIQ	214.5980, -6.8350, 19.2530

Conversions

Conversions Part 2

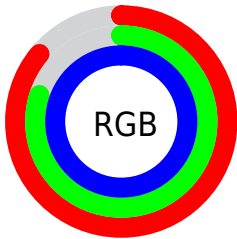
Format	Color
R _Y B	220, 204, 255
Decimal	14470399
CIE Lab	84.80, 15.26, -22.95
CIE LCh	85, 27.556, 303.616
Yxy	65.6214, 0.2901, 0.2752
Android (android.graphics.Color)	4292660479 (0xFFDCCCFF)
YUV	214.5980, 19.9182, 4.7376
Hunter-Lab	81.0070, 10.6641, -19.1608

Details

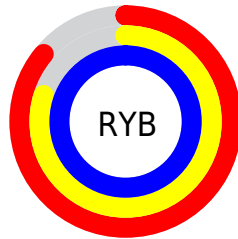
The Yxy color $65.6214, 0.2901, 0.2752$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.2166, 0.3324, 0.3808$, and the grayscale version is $67.5397, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.8892, 0.2849, 0.2636$ is the 20% darker color. If you saturate the color by 10%, you get $51.8924, 0.2763, 0.2448$, and if you desaturate by 10%, it is $81.6208, 0.3022, 0.3034$.

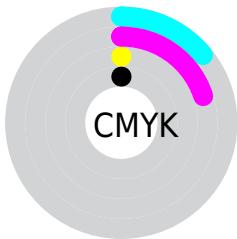
Distribution



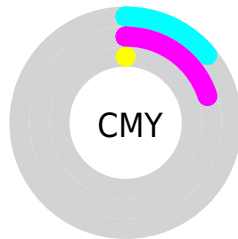
- Red (86%)
- Green (80%)
- Blue (100%)



- Red (86%)
- Yellow (80%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6214, 0.2901, 0.2752 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 65.6214, 0.2901, 0.2752 by changing the saturation by 10% instead.

65.6214, 0.2901,
0.2752

65.6214, 0.2901,
0.2752

445.0217, 0.3009,
0.2996

47.9651, 0.2875,
0.2697

112.9428, 0.2939,
0.2836

33.7993, 0.2844,
0.2631

143.3767, 0.2954,
0.2869

22.7394, 0.2803,
0.2547

178.8385, 0.2967,
0.2897

14.4012, 0.2748,
0.2440

219.7128, 0.2977,
0.2922

8.4003, 0.2673,
0.2298

266.3839, 0.2987,
0.2944

4.3521, 0.2563,
0.2101

319.2361, 0.2995,

1.8724, 0.2388,

0.2963

0.1813

378.6539, 0.3003,
0.2981

0.5317, 0.2102,
0.1272

0.0000, 0.0000,
0.0000

65.6214, 0.2901,
0.2752

65.6214, 0.2901,
0.2752

51.8924, 0.2763,
0.2448

81.6208, 0.3022,
0.3034

40.3267, 0.2610,
0.2127

99.9868, 0.3127,
0.3290

30.8113, 0.2444,
0.1802

100.0000, 0.3127,
0.3290

23.2218, 0.2272,
0.1490

■ 17.4201, 0.2103,
0.1209

■ 13.2488, 0.1946,
0.0979

■ 10.5215, 0.1811,
0.0813

■ 8.9404, 0.1704,
0.0712

Harmonies

Analogous

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



65.6214, 0.2633, 0.2737



65.6214, 0.2901, 0.2752



65.6214, 0.3245, 0.2892

Triad

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



65.6214, 0.2901, 0.2752



65.6214, 0.3797, 0.3675



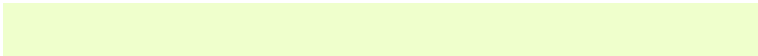
65.6214, 0.2691, 0.3445

Complementary

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



65.6214, 0.2901, 0.2752



94.2166, 0.3324, 0.3808

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.



65.6214, 0.2985, 0.3742



65.6214, 0.2901, 0.2752



65.6214, 0.3628, 0.3863

Square

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



65.6214, 0.2901, 0.2752



65.6214, 0.3778, 0.3406



65.6214, 0.3328, 0.3897



65.6214, 0.2517, 0.3116

Rectangle

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



65.6214, 0.2901, 0.2752



65.6214, 0.3471, 0.3040



65.6214, 0.3328, 0.3897



65.6214, 0.2778, 0.3554

Sweetspot

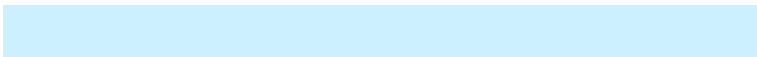
The Sweet Spot groups the original color and five complimentary colors.



65.6221, 0.2901, 0.2752



88.6900, 0.3066, 0.3140



82.1956, 0.2817, 0.3128



18.7311, 0.3059, 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.



65.6221, 0.2901, 0.2752



59.8731, 0.2848, 0.2633



69.7734, 0.3077, 0.2780



17.6554, 0.3028, 0.3048



4.7413, 0.1719, 0.0721



0.5169, 0.1838, 0.0786

Inverse Universe

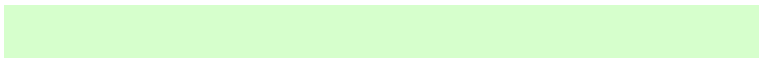
The Inverse Universe completely reimagines the original color for something new.



70.6652, 0.3264, 0.2942



65.7943, 0.3297, 0.2870



90.2030, 0.3164, 0.3834



18.1972, 0.3187, 0.3129



12.7473, 0.4206, 0.2091



1.2610, 0.4064, 0.2012

Previews

White Background



This preview shows how the Yxy color 65.6214, 0.2901, 0.2752 looks on a white background.

Color Contrast Check

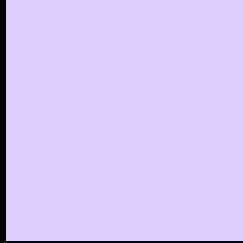
Large Text (above 18pt) WCAG AA × Fail

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 65.6214, 0.2901, 0.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

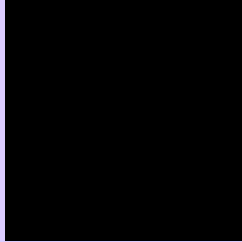
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.6214, 0.2901, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 65.6214, 0.2901, 0.2752.

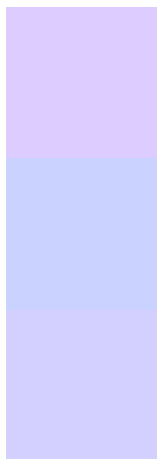


This preview shows how white text looks on a background with the Yxy color 65.6214, 0.2901, 0.2752.

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

65.6214, 0.2901, 0.2752

Protanopia

65.8697, 0.2783, 0.2801

Deuteranopia

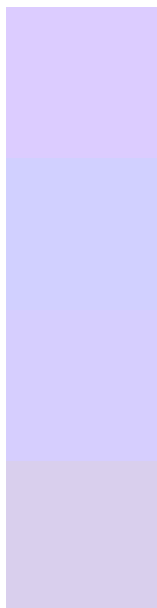
65.6303, 0.2847, 0.2786



Tritanopia

65.5390, 0.3055, 0.3102

Trichromacy



Original Color

65.6214, 0.2901, 0.2752

Protanomaly

65.8871, 0.2828, 0.2785

Deuteranomaly

65.5945, 0.2867, 0.2778

Tritanomaly

65.4918, 0.2996, 0.2964

Monochromacy



Original Color

65.6214, 0.2901, 0.2752

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.0534, 0.3042, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6214, 0.2901, 0.2752 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(220, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 204, 255)  
}
```

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(220, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.6214, 0.2901, 0.2752 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(220, 204, 255) }
```

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

```
.border{ border-color:rgb(220, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 204,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6214, 0.2901, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 204, 255) }
```

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

```
.background{ background-color: rgb(220,  
204, 255) }
```

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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