

Converting Colors

Yxy(61.5222, 0.2815, 0.2713)

Have a look what the booklet for
Yxy(61.5222, 0.2815, 0.2713)
contains.

Yxy(61.5222, 0.2815, 0.2713)	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(61.5222, 0.2815, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	CEC8FD
RGB	206, 200, 253
RGB Percent	81%, 78%, 99%
CMY	0.1921, 0.2157, 0.0080
CMYK	0.19, 0.21, 0.00, 0.01
HSL	247°, 93%, 89%
HSV	247°, 21%, 99%
XYZ	63.8352, 61.5222, 101.4107
YIQ	207.8360, -13.4370, 17.7550

Conversions

Conversions Part 2

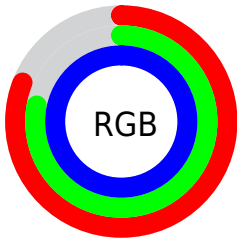
Format	Color
R _Y B	206, 200, 253
Decimal	13551869
CIE Lab	82.66, 12.62, -25.21
CIE LCh	83, 28.195, 296.580
Yxy	61.5222, 0.2815, 0.2713
Android (android.graphics.Color)	4291741949 (0xFFCEC8FD)
YUV	207.8360, 22.2659, -1.6102
Hunter-Lab	78.4361, 8.0091, -21.7513

Details

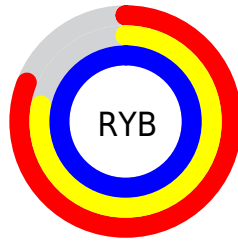
The Yxy color **61.5222, 0.2815, 0.2713** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.1674, 0.3404, 0.3821**, and the grayscale version is **62.8263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1226, 0.2736, 0.2580** is the 20% darker color. If you saturate the color by 10%, you get **47.7758, 0.2636, 0.2391**, and if you desaturate by 10%, it is **77.6701, 0.2975, 0.3006**.

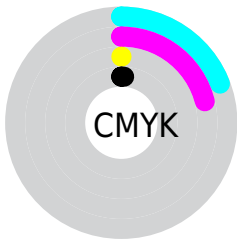
Distribution



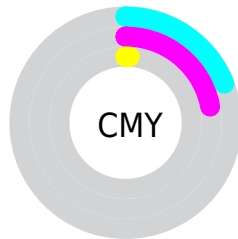
- Red (81%)
- Green (78%)
- Blue (99%)



- Red (81%)
- Yellow (78%)
- Blue (99%)



- Cyan (19%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5222, 0.2815, 0.2713 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 61.5222, 0.2815, 0.2713 by changing the saturation by 10% instead.

■ 61.5222, 0.2815,
0.2713

■ 61.5222, 0.2815,
0.2713

430.1861, 0.2965,
0.2978

■ 44.6467, 0.2780,
0.2653

107.0347, 0.2868,
0.2805

■ 31.1793, 0.2736,
0.2580

136.4405, 0.2888,
0.2840

■ 20.7354, 0.2679,
0.2487

170.7919, 0.2905,
0.2871

■ 12.9307, 0.2605,
0.2368

210.4732, 0.2920,
0.2898

■ 7.3809, 0.2501,
0.2209

255.8689, 0.2934,
0.2922

■ 3.7014, 0.2350,
0.1986

307.3633, 0.2945,

■ 1.5080, 0.2112,

0.2943

0.1660

365.3409, 0.2955,
0.2962

0.2943, 0.1702,
0.0852

0.0000, 0.0000,
0.0000

61.5222, 0.2815,
0.2713

61.5222, 0.2815,
0.2713

47.7758, 0.2636,
0.2391

77.6701, 0.2975,
0.3006

36.3088, 0.2442,
0.2049

96.3189, 0.3115,
0.3267

26.9998, 0.2239,
0.1700

99.8698, 0.3139,
0.3309

19.7129, 0.2039,
0.1366

■ 14.2968, 0.1855,
0.1072

■ 10.5787, 0.1703,
0.0841

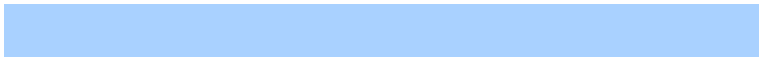
■ 8.3532, 0.1593,
0.0690

■ 7.3465, 0.1532,
0.0618

Harmonies

Analogous

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



61.5222, 0.2564, 0.2730



61.5222, 0.2815, 0.2713



61.5222, 0.3163, 0.2831

Triad

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



61.5222, 0.2815, 0.2713



61.5222, 0.3842, 0.3630



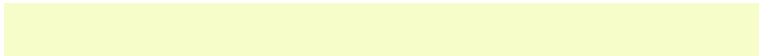
61.5222, 0.2734, 0.3533

Complementary

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



61.5222, 0.2815, 0.2713



94.1674, 0.3404, 0.3821

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.



61.5222, 0.3060, 0.3819



61.5222, 0.2815, 0.2713



61.5222, 0.3707, 0.3854

Square

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



61.5222, 0.2815, 0.2713



61.5222, 0.3774, 0.3340



61.5222, 0.3417, 0.3935



61.5222, 0.2519, 0.3184

Rectangle

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



61.5222, 0.2815, 0.2713



61.5222, 0.3406, 0.2971



61.5222, 0.3417, 0.3935



61.5222, 0.2834, 0.3641

Sweetspot

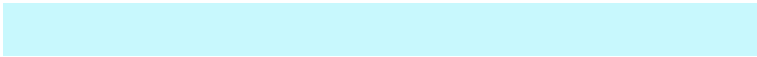
The Sweet Spot groups the original color and five complimentary colors.



61.5247, 0.2815, 0.2713



88.1411, 0.3047, 0.3139



86.3028, 0.2810, 0.3233



18.6017, 0.3037, 0.3122



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.



61.5247, 0.2815, 0.2713



56.6619, 0.2744, 0.2585



65.5206, 0.2997, 0.2743



17.4764, 0.2996, 0.3045



3.9397, 0.1539, 0.0622



0.4140, 0.1611, 0.0661

Inverse Universe

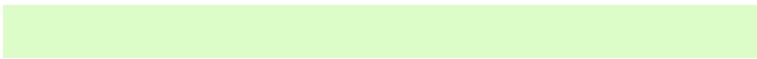
The Inverse Universe completely reimagines the original color for something new.



68.9008, 0.3194, 0.2824



65.3938, 0.3209, 0.2731



89.8024, 0.3234, 0.3850



18.2628, 0.3155, 0.3082



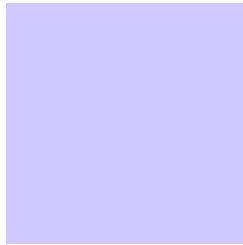
13.9944, 0.3518, 0.1712



1.3723, 0.3478, 0.1690

Previews

White Background



This preview shows how the Yxy color 61.5222, 0.2815, 0.2713 looks on a white background.

Color Contrast Check

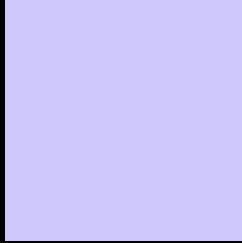
Large Text (above 18pt) WCAG AA × Fail

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 61.5222, 0.2815, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

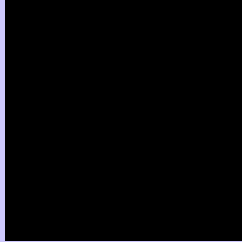
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5222, 0.2815, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 61.5222, 0.2815, 0.2713.

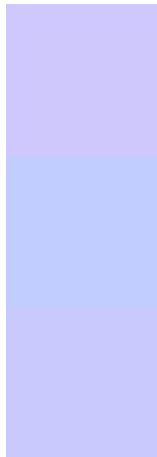


This preview shows how white text looks on a background with the Yxy color 61.5222, 0.2815, 0.2713.

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

61.5222, 0.2815, 0.2713

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.4217, 0.2788, 0.2719



Tritanopia

61.6959, 0.2973, 0.3105

Trichromacy



Original Color

61.5222, 0.2815, 0.2713

Protanomaly

61.8734, 0.2757, 0.2728

Deuteranomaly

61.5616, 0.2795, 0.2721

Tritanomaly

61.6255, 0.2915, 0.2962

Monochromacy



Original Color

61.5222, 0.2815, 0.2713

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.3099, 0.3011, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5222, 0.2815, 0.2713 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(206, 200, 253)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 253)  
}
```

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(206, 200, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 253) }
```

Border

The CSS property to change the border of an element to Yxy 61.5222, 0.2815, 0.2713 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(206, 200, 253) }
```

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

```
.border{ border-color:rgb(206, 200, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 253);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5222, 0.2815, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 253) }
```

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

```
.background{ background-color: rgb(206,  
200, 253) }
```

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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