

Converting Colors

Yxy(61.6784, 0.2698, 0.2535)

Have a look what the booklet for
Yxy(61.6784, 0.2698, 0.2535)
contains.

Yxy(60.9042, 0.2788, 0.2679)	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(60.9042, 0.2788, 0.2679)

Conversions

Conversions Part 1

Format	Color
Hex	CCC7FF
RGB	204, 199, 255
RGB Percent	80%, 78%, 100%
CMY	0.1999, 0.2196, 0.0000
CMYK	0.20, 0.22, 0.00, 0.00
HSL	245°, 100%, 89%
HSV	245°, 22%, 100%
XYZ	63.3822, 60.9042, 103.0529
YIQ	206.8790, -14.9960, 18.4760

Conversions

Conversions Part 2

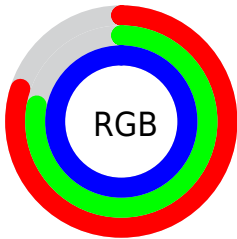
Format	Color
R_YB	204, 199, 255
Decimal	13420543
CIE _{Lab}	82.33, 13.01, -26.84
CIE _{LCh}	82, 29.821, 295.858
Yxy	60.9042, 0.2788, 0.2679
Android (android.graphics.Color)	4291610623 (0xFFCCC7FF)
YUV	206.8790, 23.7237, -2.5249
Hunter-Lab	78.0411, 8.3993, -23.6633

Details

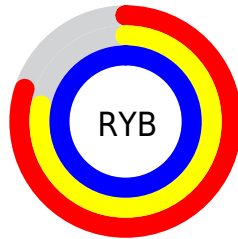
The Yxy color $60.9042, 0.2788, 0.2679$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.9639, 0.3426, 0.3846$, and the grayscale version is $62.1672, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.7176, 0.2702, 0.2537$ is the 20% darker color. If you saturate the color by 10%, you get $47.0972, 0.2603, 0.2353$, and if you desaturate by 10%, it is $77.1664, 0.2955, 0.2977$.

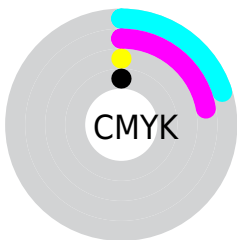
Distribution



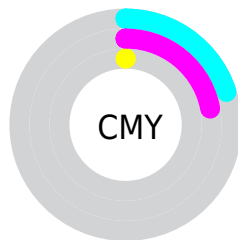
- Red (80%)
- Green (78%)
- Blue (100%)



- Red (80%)
- Yellow (78%)
- Blue (100%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9042, 0.2788, 0.2679 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 60.9042, 0.2788, 0.2679 by changing the saturation by 10% instead.

■ 60.9042, 0.2788,
0.2679

■ 60.9042, 0.2788,
0.2679

427.9227, 0.2951,
0.2960

■ 44.1479, 0.2750,
0.2616

106.1402, 0.2845,
0.2776

■ 30.7868, 0.2702,
0.2538

135.3887, 0.2867,
0.2814

■ 20.4365, 0.2641,
0.2441

169.5700, 0.2886,
0.2846

■ 12.7128, 0.2560,
0.2315

209.0685, 0.2903,
0.2875

■ 7.2310, 0.2448,
0.2148

254.2686, 0.2917,
0.2900

■ 3.6070, 0.2286,
0.1916

305.5548, 0.2929,

■ 1.4563, 0.2032,

0.2922

0.1578

363.3113, 0.2941,
0.2942

0.2576, 0.1591,
0.0729

0.0000, 0.0000,
0.0000

60.9042, 0.2788,
0.2679

60.9042, 0.2788,
0.2679

47.0972, 0.2603,
0.2353

77.1664, 0.2955,
0.2977

35.6255, 0.2403,
0.2007

95.9948, 0.3101,
0.3242

26.3599, 0.2196,
0.1656

100.0000, 0.3127,
0.3290

19.1581, 0.1995,
0.1323

■ 13.8616, 0.1815,
0.1033

■ 10.2881, 0.1669,
0.0810

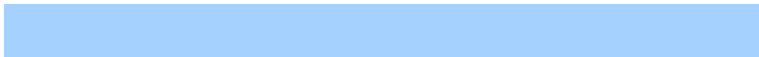
■ 8.2199, 0.1569,
0.0670

■ 7.4004, 0.1522,
0.0612

Harmonies

Analogous

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



60.9042, 0.2527, 0.2699



60.9042, 0.2788, 0.2679



60.9042, 0.3155, 0.2801

Triad

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



60.9042, 0.2788, 0.2679



60.9042, 0.3887, 0.3641



60.9042, 0.2717, 0.3556

Complementary

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



60.9042, 0.2788, 0.2679



95.9639, 0.3426, 0.3846

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.



60.9042, 0.3064, 0.3859



60.9042, 0.2788, 0.2679



60.9042, 0.3747, 0.3883

Square

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



60.9042, 0.2788, 0.2679



60.9042, 0.3809, 0.3334



60.9042, 0.3442, 0.3976



60.9042, 0.2487, 0.3184

Rectangle

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



60.9042, 0.2788, 0.2679



60.9042, 0.3414, 0.2946



60.9042, 0.3442, 0.3976



60.9042, 0.2823, 0.3672

Sweetspot

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



60.9043, 0.2788, 0.2679



86.1824, 0.3030, 0.3112



87.9399, 0.2796, 0.3240



18.2045, 0.3021, 0.3096



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.



60.9043, 0.2788, 0.2679



55.0406, 0.2716, 0.2551



65.1647, 0.2982, 0.2713



17.4555, 0.2992, 0.3045



3.8931, 0.1528, 0.0616



0.4042, 0.1588, 0.0648

Inverse Universe

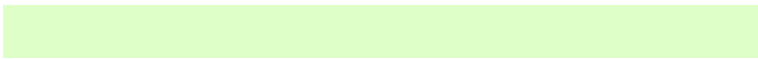
The Inverse Universe completely reimagines the original color for something new.



69.0059, 0.3188, 0.2788



64.3695, 0.3201, 0.2694



91.2252, 0.3245, 0.3880



18.2706, 0.3152, 0.3076



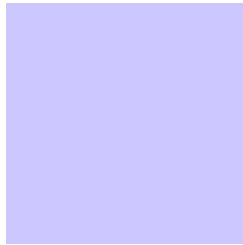
14.1692, 0.3449, 0.1674



1.3875, 0.3418, 0.1657

Previews

White Background



This preview shows how the Yxy color 60.9042, 0.2788, 0.2679 looks on a white background.

Color Contrast Check

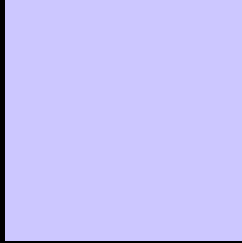
Large Text (above 18pt) WCAG AA × Fail

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 60.9042, 0.2788, 0.2679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

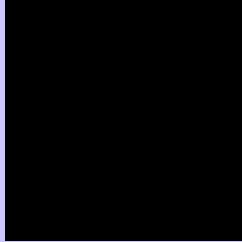
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9042, 0.2788, 0.2679

Background



This preview shows how black text looks on a background with the Yxy color 60.9042, 0.2788, 0.2679.



This preview shows how white text looks on a background with the Yxy color 60.9042, 0.2788, 0.2679.

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

60.9042, 0.2788, 0.2679

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

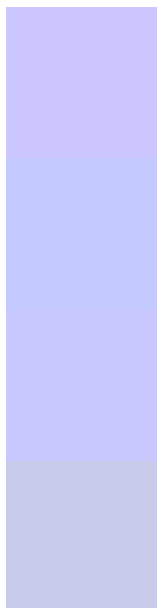
61.1354, 0.2756, 0.2696



Tritanopia

60.8889, 0.2966, 0.3104

Trichromacy



Original Color

60.9042, 0.2788, 0.2679

Protanomaly

61.1968, 0.2737, 0.2704

Deuteranomaly

60.9461, 0.2769, 0.2687

Tritanomaly

60.8744, 0.2901, 0.2949

Monochromacy



Original Color

60.9042, 0.2788, 0.2679

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.6894, 0.3004, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9042, 0.2788, 0.2679 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(204, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 199, 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(204, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.9042, 0.2788, 0.2679 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(204, 199, 255) }
```

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

```
.border{ border-color:rgb(204, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9042, 0.2788, 0.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 199, 255) }
```

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

```
.background{ background-color: rgb(204,  
199, 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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