

Converting Colors

Yxy(61.9156, 0.2719, 0.2835)

Have a look what the booklet for
Yxy(61.9156, 0.2719, 0.2835)
contains.

Yxy(61.7802, 0.2723, 0.2835)	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(61.7802, 0.2723, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	BACFF7
RGB	186, 207, 247
RGB Percent	73%, 81%, 97%
CMY	0.2709, 0.1882, 0.0313
CMYK	0.25, 0.16, 0.00, 0.03
HSL	219°, 79%, 85%
HSV	219°, 25%, 97%
XYZ	59.3395, 61.7802, 96.7999
YIQ	205.2810, -25.3560, 7.9880

Conversions

Conversions Part 2

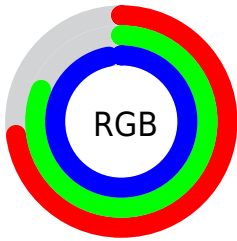
Format	Color
RYB	186, 202, 247
Decimal	12242935
CIELab	82.80, 1.49, -21.97
CIElCh	83, 22.022, 273.884
Yxy	61.7802, 0.2723, 0.2835
Android (android.graphics.Color)	4290433015 (0xFFBACFF7)
YUV	205.2810, 20.5675, -16.9094
Hunter-Lab	78.6004, -2.7918, -17.9980

Details

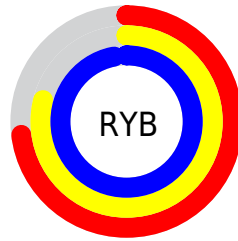
The Yxy color **61.7802, 0.2723, 0.2835** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.6684, 0.3550, 0.3706**, and the grayscale version is **61.1122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **31.4496, 0.2624, 0.2722** is the 20% darker color. If you saturate the color by 10%, you get **51.5129, 0.2545, 0.2616**, and if you desaturate by 10%, it is **73.3898, 0.2894, 0.3034**.

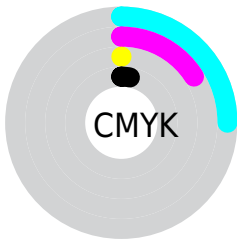
Distribution



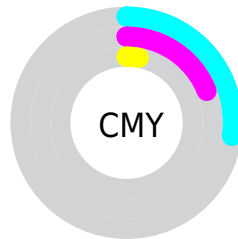
- Red (73%)
- Green (81%)
- Blue (97%)



- Red (73%)
- Yellow (79%)
- Blue (97%)



- Cyan (25%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



- Cyan (27%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7802, 0.2723, 0.2835 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 61.7802, 0.2723, 0.2835 by changing the saturation by 10% instead.

■ 61.7802, 0.2723,
0.2835

■ 61.7802, 0.2723,
0.2835

431.1289, 0.2914,
0.3049

■ 44.8551, 0.2679,
0.2786

■ 107.4078, 0.2790,
0.2910

■ 31.3433, 0.2624,
0.2725

136.8791, 0.2815,
0.2938

■ 20.8604, 0.2554,
0.2647

171.3013, 0.2838,
0.2963

■ 13.0220, 0.2462,
0.2545

211.0587, 0.2857,
0.2985

■ 7.4437, 0.2337,
0.2407

256.5358, 0.2874,
0.3004

■ 3.7411, 0.2155,
0.2208

308.1169, 0.2888,

■ 1.5298, 0.1875,

0.3020

0.1903

366.1865, 0.2902,
0.3035

0.3096, 0.1169,
0.1094

0.0000, 0.0000,
0.0000

61.7802, 0.2723,
0.2835

61.7802, 0.2723,
0.2835

51.5129, 0.2545,
0.2616

73.3898, 0.2894,
0.3034

42.5290, 0.2365,
0.2378

86.3828, 0.3055,
0.3213

34.7757, 0.2189,
0.2129

99.4960, 0.3173,
0.3366

28.1933, 0.2024,
0.1873

■ 22.7165, 0.1877,
0.1623

■ 18.2720, 0.1758,
0.1387

■ 14.7742, 0.1669,
0.1178

■ 13.2581, 0.1633,
0.1079

Harmonies

Analogous

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



61.7802, 0.2608, 0.2941



61.7802, 0.2723, 0.2835



61.7802, 0.2946, 0.2846

Triad

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



61.7802, 0.2723, 0.2835



61.7802, 0.3657, 0.3392



61.7802, 0.3011, 0.3653

Complementary

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



61.7802, 0.2723, 0.2835



77.6684, 0.3550, 0.3706

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.



61.7802, 0.3291, 0.3781



61.7802, 0.2723, 0.2835



61.7802, 0.3673, 0.3612

Square

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



61.7802, 0.2723, 0.2835



61.7802, 0.3491, 0.3159



61.7802, 0.3536, 0.3759



61.7802, 0.2769, 0.3415

Rectangle

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



61.7802, 0.2723, 0.2835



61.7802, 0.3131, 0.2914



61.7802, 0.3536, 0.3759



61.7802, 0.3103, 0.3711

Sweetspot

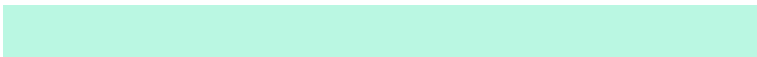
The Sweet Spot groups the original color and five complimentary colors.



61.7827, 0.2723, 0.2835



89.5391, 0.3019, 0.3174



82.4291, 0.2875, 0.3528



18.9796, 0.3009, 0.3163



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.



61.7827, 0.2723, 0.2835



60.3655, 0.2629, 0.2721



53.4203, 0.2766, 0.2598



16.8623, 0.2980, 0.3131



7.2492, 0.1642, 0.1109



0.8213, 0.1711, 0.1357

Inverse Universe

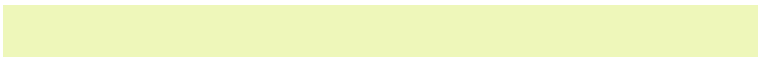
The Inverse Universe completely reimagines the original color for something new.



59.3716, 0.3471, 0.3068



57.7037, 0.3570, 0.3018



88.2208, 0.3438, 0.3922



16.5770, 0.3239, 0.3209



10.8312, 0.5597, 0.2857



0.9706, 0.5248, 0.2665

Previews

White Background



This preview shows how the Yxy color 61.7802, 0.2723, 0.2835 looks on a white background.

Color Contrast Check

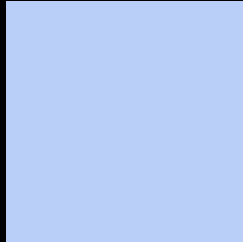
Large Text (above 18pt) WCAG AA × Fail

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 61.7802, 0.2723, 0.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

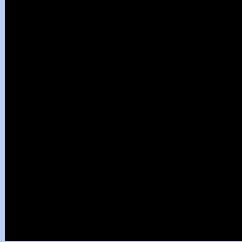
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

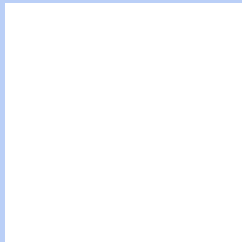
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7802, 0.2723, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 61.7802, 0.2723, 0.2835.



This preview shows how white text looks on a background with the Yxy color 61.7802, 0.2723, 0.2835.

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

61.7802, 0.2723, 0.2835

Protanopia

61.6486, 0.2805, 0.2830

Deuteranopia

61.5297, 0.2839, 0.2773



Tritanopia

61.5843, 0.2819, 0.3089

Trichromacy



Original Color

61.7802, 0.2723, 0.2835

Protanomaly

61.6539, 0.2773, 0.2828

Deuteranomaly

61.4949, 0.2793, 0.2789

Tritanomaly

61.6087, 0.2782, 0.2998

Monochromacy



Original Color

61.7802, 0.2723, 0.2835

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3157, 0.2972, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7802, 0.2723, 0.2835 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(186, 207, 247)` looks like.

```
.text, #text, p{  
    color:rgb(186, 207, 247)  
}
```

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(186, 207, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 207, 247) }
```

Border

The CSS property to change the border of an element to Yxy 61.7802, 0.2723, 0.2835 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(186, 207, 247) }
```

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

```
.border{ border-color:rgb(186, 207, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 207, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 207, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 207, 247);  
box-shadow:4px 4px 4px 4px rgb(186, 207,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7802, 0.2723, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 207, 247) }
```

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

```
.background{ background-color: rgb(186,  
207, 247) }
```

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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