

Converting Colors

Yxy(52.9486, 0.2791, 0.2867)

Have a look what the booklet for
Yxy(52.9486, 0.2791, 0.2867)
contains.

Yxy(52.9486, 0.2791, 0.2867)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.9486, 0.2791, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	B4C0E3
RGB	180, 192, 227
RGB Percent	71%, 75%, 89%
CMY	0.2940, 0.2471, 0.1097
CMYK	0.21, 0.15, 0.00, 0.11
HSL	225°, 46%, 80%
HSV	225°, 21%, 89%
XYZ	51.5450, 52.9486, 80.1893
YIQ	192.4020, -18.3870, 8.3410

Conversions

Conversions Part 2

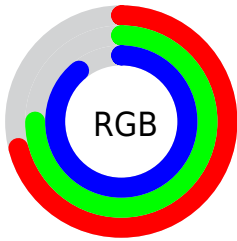
Format	Color
RYB	180, 190, 227
Decimal	11845859
CIELab	77.84, 3.24, -18.81
CIELCh	78, 19.089, 279.772
Yxy	52.9486, 0.2791, 0.2867
Android (android.graphics.Color)	4290035939 (0xFFB4C0E3)
YUV	192.4020, 17.0568, -10.8766
Hunter-Lab	72.7658, -0.8963, -14.4027

Details

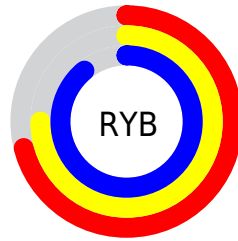
The Yxy color $52.9486, 0.2791, 0.2867$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $68.2638, 0.3463, 0.3680$, and the grayscale version is $52.8705, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.1877, 0.3012, 0.3220$, and $25.9558, 0.2703, 0.2759$ is the 20% darker color. If you saturate the color by 10%, you get $43.4352, 0.2611, 0.2626$, and if you desaturate by 10%, it is $63.7673, 0.2960, 0.3084$.

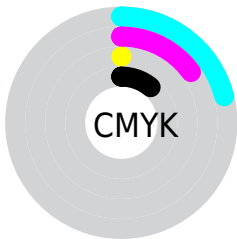
Distribution



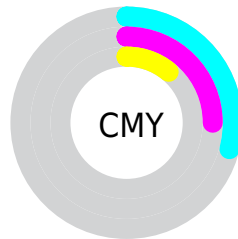
- Red (71%)
- Green (75%)
- Blue (89%)



- Red (71%)
- Yellow (75%)
- Blue (89%)



- Cyan (21%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9486, 0.2791, 0.2867 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 52.9486, 0.2791, 0.2867 by changing the saturation by 10% instead.

■ 52.9486, 0.2791,
0.2867

■ 52.9486, 0.2791,
0.2867

398.0879, 0.2955,
0.3071

■ 37.7617, 0.2752,
0.2819

■ 94.5287, 0.2849,
0.2939

■ 25.7978, 0.2702,
0.2758

121.6908, 0.2872,
0.2967

■ 16.6724, 0.2638,
0.2679

153.6134, 0.2890,
0.2990

■ 10.0012, 0.2551,
0.2574

190.6809, 0.2907,
0.3011

■ 5.3998, 0.2427,
0.2427

233.2777, 0.2921,
0.3029

■ 2.4837, 0.2240,
0.2206

281.7882, 0.2934,

■ 0.8685, 0.1927,

0.3044

0.1847

336.5968, 0.2945,
0.3058

0.0000, 0.0000,
0.0000

52.9486, 0.2791,
0.2867

52.9486, 0.2791,
0.2867

43.4352, 0.2611,
0.2626

63.7673, 0.2960,
0.3084

35.1701, 0.2423,
0.2364

75.9324, 0.3117,
0.3277

28.1014, 0.2234,
0.2086

89.4914, 0.3259,
0.3447

22.1712, 0.2052,
0.1802

98.3271, 0.3291,
0.3562

17.3161, 0.1887,
0.1523

■ 13.4661, 0.1748,
0.1266

■ 10.5414, 0.1643,
0.1044

■ 8.5501, 0.1577,
0.0877

Harmonies

Analogous

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



52.9486, 0.2664, 0.2944



52.9486, 0.2791, 0.2867



52.9486, 0.3010, 0.2897

Triad

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



52.9486, 0.2791, 0.2867



52.9486, 0.3625, 0.3427



52.9486, 0.2973, 0.3583

Complementary

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



52.9486, 0.2791, 0.2867



68.2638, 0.3463, 0.3680

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.



52.9486, 0.3228, 0.3724



52.9486, 0.2791, 0.2867



52.9486, 0.3610, 0.3619

Square

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



52.9486, 0.2791, 0.2867



52.9486, 0.3498, 0.3211



52.9486, 0.3463, 0.3732



52.9486, 0.2765, 0.3356

Rectangle

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



52.9486, 0.2791, 0.2867



52.9486, 0.3183, 0.2971



52.9486, 0.3463, 0.3732



52.9486, 0.3056, 0.3643

Sweetspot

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



52.9508, 0.2791, 0.2867



90.1498, 0.3035, 0.3177



69.5364, 0.2892, 0.3437



19.0747, 0.3025, 0.3164



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.



52.9508, 0.2791, 0.2867



63.1839, 0.2712, 0.2762



49.2807, 0.2864, 0.2731



14.4802, 0.2980, 0.3110



5.1438, 0.1584, 0.0901



0.5263, 0.1661, 0.1180

Inverse Universe

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



52.7967, 0.3438, 0.3155



63.1589, 0.3524, 0.3124



72.8529, 0.3357, 0.3818



14.4279, 0.3253, 0.3230



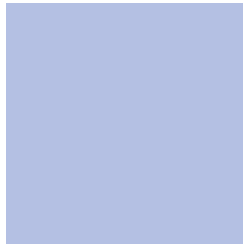
9.7170, 0.5910, 0.3029



0.7328, 0.5495, 0.2801

Previews

White Background



This preview shows how the Yxy color 52.9486, 0.2791, 0.2867 looks on a white background.

Color Contrast Check

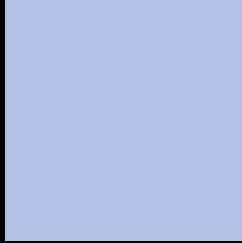
Large Text (above 18pt) WCAG AA × Fail

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 52.9486, 0.2791, 0.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

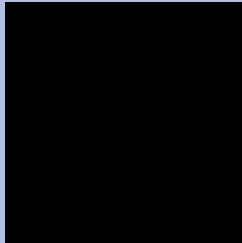
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9486, 0.2791, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 52.9486, 0.2791, 0.2867.

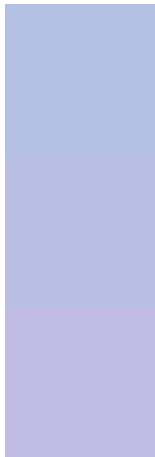


This preview shows how white text looks on a background with the Yxy color 52.9486, 0.2791, 0.2867.

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

52.9486, 0.2791, 0.2867

Protanopia

53.0669, 0.2833, 0.2871

Deuteranopia

52.9053, 0.2877, 0.2819



Tritanopia

53.0305, 0.2883, 0.3103

Trichromacy



Original Color

52.9486, 0.2791, 0.2867

Protanomaly

52.8199, 0.2818, 0.2869

Deuteranomaly

52.6880, 0.2840, 0.2827

Tritanomaly

53.0064, 0.2850, 0.3018

Monochromacy



Original Color

52.9486, 0.2791, 0.2867

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7984, 0.3000, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9486, 0.2791, 0.2867 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(180, 192, 227)` looks like.

```
.text, #text, p{  
    color:rgb(180, 192, 227)  
}
```

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(180, 192, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 192, 227) }
```

Border

The CSS property to change the border of an element to Yxy 52.9486, 0.2791, 0.2867 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(180, 192, 227) }
```

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

```
.border{ border-color:rgb(180, 192, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 192, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 192, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 192, 227); box-shadow:4px 4px 4px 4px rgb(180, 192, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9486, 0.2791, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 192, 227) }
```

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

```
.background{ background-color: rgb(180,  
192, 227) }
```

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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