

Converting Colors

$Y_{xy}(52.2787, 0.2829, 0.2958)$

Have a look what the booklet for
Yxy(52.2787, 0.2829, 0.2958)
contains.

Yxy(52.2787, 0.2829, 0.2958)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.2787, 0.2829, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	B2C0DB
RGB	178, 192, 219
RGB Percent	70%, 75%, 86%
CMY	0.3018, 0.2471, 0.1413
CMYK	0.19, 0.12, 0.00, 0.14
HSL	220°, 36%, 78%
HSV	220°, 19%, 86%
XYZ	49.9988, 52.2787, 74.4591
YIQ	190.8920, -17.0110, 5.4290

Conversions

Conversions Part 2

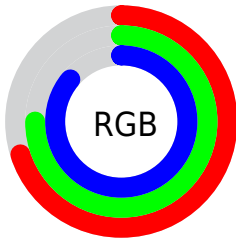
Format	Color
RYB	178, 188, 219
Decimal	11714779
CIELab	77.45, 0.83, -15.09
CIELCh	77, 15.111, 273.166
Yxy	52.2787, 0.2829, 0.2958
Android (android.graphics.Color)	4289904859 (0xFFB2C0DB)
YUV	190.8920, 13.8572, -11.3063
Hunter-Lab	72.3040, -3.0979, -10.4444

Details

The Yxy color **52.2787, 0.2829, 0.2958** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.9421, 0.3435, 0.3601**, and the grayscale version is **51.9634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8472, 0.2999, 0.3220**, and **25.5055, 0.2751, 0.2877** is the 20% darker color. If you saturate the color by 10%, you get **43.8644, 0.2656, 0.2751**, and if you desaturate by 10%, it is **61.7320, 0.2993, 0.3145**.

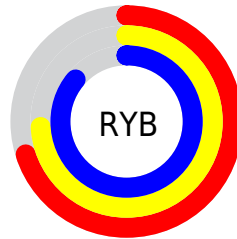
Distribution



Red (70%)

Green (75%)

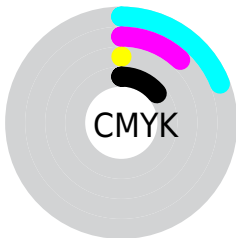
Blue (86%)



Red (70%)

Yellow (74%)

Blue (86%)

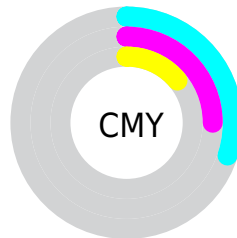


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (14%)



Cyan (30%)

Magenta (25%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2787, 0.2829, 0.2958 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 52.2787, 0.2829, 0.2958 by changing the saturation by 10% instead.

■ 52.2787, 0.2829,
0.2958

■ 52.2787, 0.2829,
0.2958

■ 395.5116, 0.2974,
0.3119

■ 37.2273, 0.2794,
0.2919

■ 93.5421, 0.2881,
0.3016

■ 25.3835, 0.2750,
0.2870

■ 120.5229, 0.2901,
0.3038

■ 16.3630, 0.2692,
0.2806

■ 152.2490, 0.2918,
0.3056

■ 9.7814, 0.2613,
0.2720

■ 189.1046, 0.2932,
0.3072

■ 5.2543, 0.2501,
0.2596

■ 231.4743, 0.2945,
0.3086

■ 2.3972, 0.2328,
0.2408

■ 279.7425, 0.2956,

■ 0.8244, 0.2032,

0.3099

0.2084

334.2934, 0.2966,
0.3110

0.0000, 0.0000,
0.0000

52.2787, 0.2829,
0.2958

52.2787, 0.2829,
0.2958

43.8644, 0.2656,
0.2751

61.7320, 0.2993,
0.3145

36.4454, 0.2478,
0.2524

72.2533, 0.3146,
0.3310

29.9839, 0.2299,
0.2282

83.8782, 0.3288,
0.3457

24.4374, 0.2127,
0.2029

94.5679, 0.3347,
0.3592

19.7595, 0.1968,
0.1775

97.8934, 0.3340,
0.3641

■ 15.8990, 0.1830,
0.1529

■ 12.7981, 0.1721,
0.1302

■ 10.3789, 0.1643,
0.1104

■ 10.1035, 0.1634,
0.1080

Harmonies

Analogous

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



52.2787, 0.2746, 0.3041



52.2787, 0.2829, 0.2958



52.2787, 0.2992, 0.2962

Triad

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



52.2787, 0.2829, 0.2958



52.2787, 0.3508, 0.3364



52.2787, 0.3049, 0.3553

Complementary

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



52.2787, 0.2829, 0.2958



61.9421, 0.3435, 0.3601

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.



52.2787, 0.3254, 0.3643



52.2787, 0.2829, 0.2958



52.2787, 0.3523, 0.3525

Square

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



52.2787, 0.2829, 0.2958



52.2787, 0.3387, 0.3191



52.2787, 0.3428, 0.3629



52.2787, 0.2870, 0.3386

Rectangle

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



52.2787, 0.2829, 0.2958



52.2787, 0.3127, 0.3010



52.2787, 0.3428, 0.3629



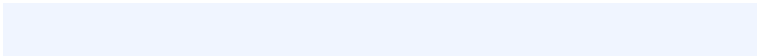
52.2787, 0.3117, 0.3594

Sweetspot

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



52.2808, 0.2829, 0.2958



90.9483, 0.3035, 0.3190



64.5125, 0.2935, 0.3463



19.2630, 0.3025, 0.3179



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.



52.2808, 0.2829, 0.2958



69.5090, 0.2770, 0.2888



47.1789, 0.2867, 0.2787



13.3396, 0.2981, 0.3132



6.1752, 0.1641, 0.1107



0.5569, 0.1733, 0.1437

Inverse Universe

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



50.7163, 0.3370, 0.3128



67.1246, 0.3427, 0.3096



67.9905, 0.3360, 0.3760



13.1245, 0.3238, 0.3211



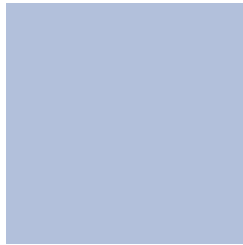
9.2472, 0.5600, 0.2859



0.6149, 0.5141, 0.2606

Previews

White Background



This preview shows how the Yxy color 52.2787, 0.2829, 0.2958 looks on a white background.

Color Contrast Check

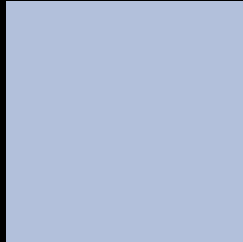
Large Text (above 18pt) WCAG AA × Fail

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 52.2787, 0.2829, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

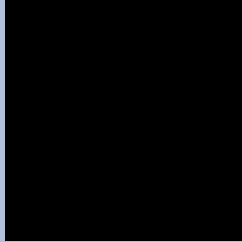
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2787, 0.2829, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 52.2787, 0.2829, 0.2958.



This preview shows how white text looks on a background with the Yxy color 52.2787, 0.2829, 0.2958.

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

52.2787, 0.2829, 0.2958

Protanopia

52.4015, 0.2908, 0.2963

Deuteranopia

52.0209, 0.2954, 0.2887



Tritanopia

52.4171, 0.2882, 0.3102

Trichromacy



Original Color

52.2787, 0.2829, 0.2958

Protanomaly

52.5139, 0.2879, 0.2961

Deuteranomaly

51.9526, 0.2901, 0.2905

Tritanomaly

52.2911, 0.2862, 0.3041

Monochromacy



Original Color

52.2787, 0.2829, 0.2958

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9178, 0.3013, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2787, 0.2829, 0.2958 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(178, 192, 219)` looks like.

```
.text, #text, p{  
    color:rgb(178, 192, 219)  
}
```

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(178, 192, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 192, 219) }
```

Border

The CSS property to change the border of an element to Yxy 52.2787, 0.2829, 0.2958 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(178, 192, 219) }
```

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

```
.border{ border-color:rgb(178, 192, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 192, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 192, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 192, 219);  
box-shadow:4px 4px 4px 4px rgb(178, 192,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2787, 0.2829, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 192, 219) }
```

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

```
.background{ background-color: rgb(178,  
192, 219) }
```

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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