

Converting Colors

$Yxy(52.9343, 0.2795, 0.2985)$

Have a look what the booklet for
Yxy(52.9343, 0.2795, 0.2985)
contains.

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Color

Yxy(53.0289, 0.2795, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	ADC3DB
RGB	173, 195, 219
RGB Percent	68%, 76%, 86%
CMY	0.3216, 0.2353, 0.1410
CMYK	0.21, 0.11, 0.00, 0.14
HSL	211°, 39%, 77%
HSV	211°, 21%, 86%
XYZ	49.5374, 53.0289, 74.6694
YIQ	191.1580, -20.8160, 2.8000

Conversions

Conversions Part 2

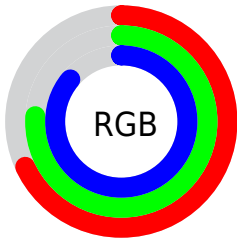
Format	Color
RYB	173, 188, 219
Decimal	11387867
CIELab	77.89, -2.33, -14.49
CIElCh	78, 14.673, 260.868
Yxy	53.0289, 0.2795, 0.2992
Android (android.graphics.Color)	4289577947 (0xFFADC3DB)
YUV	191.1580, 13.7261, -15.9246
Hunter-Lab	72.8209, -6.0098, -9.8203

Details

The Yxy color **53.0289, 0.2795, 0.2992** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0297, 0.3491, 0.3571**, and the grayscale version is **52.1260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4988, 0.2969, 0.3260**, and **25.7232, 0.2708, 0.2906** is the 20% darker color. If you saturate the color by 10%, you get **45.8059, 0.2630, 0.2826**, and if you desaturate by 10%, it is **61.0580, 0.2956, 0.3142**.

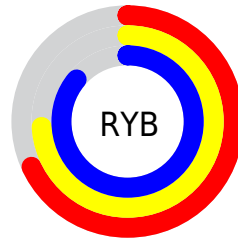
Distribution



Red (68%)

Green (76%)

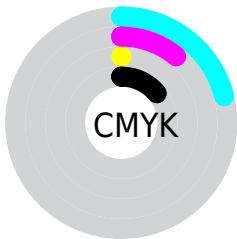
Blue (86%)



Red (68%)

Yellow (74%)

Blue (86%)

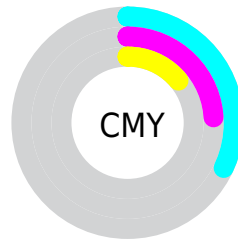


Cyan (21%)

Magenta (11%)

Yellow (0%)

Black (14%)



Cyan (32%)

Magenta (24%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0289, 0.2795, 0.2992 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 53.0289, 0.2795, 0.2992 by changing the saturation by 10% instead.

■ 53.0289, 0.2795,
0.2992

■ 53.0289, 0.2795,
0.2992

■ 398.3960, 0.2956,
0.3138

■ 37.8258, 0.2756,
0.2957

■ 94.6469, 0.2852,
0.3044

■ 25.8475, 0.2708,
0.2912

■ 121.8306, 0.2874,
0.3064

■ 16.7096, 0.2644,
0.2854

■ 153.7767, 0.2893,
0.3081

■ 10.0277, 0.2559,
0.2775

■ 190.8695, 0.2909,
0.3095

■ 5.4173, 0.2437,
0.2661

■ 233.4934, 0.2923,
0.3108

■ 2.4941, 0.2252,
0.2486

■ 282.0329, 0.2935,

■ 0.8737, 0.1936,

0.3119

0.2186

336.8723, 0.2946,
0.3129

0.0000, 0.0000,
0.0000

53.0289, 0.2795,
0.2992

53.0289, 0.2795,
0.2992

45.8059, 0.2630,
0.2826

61.0580, 0.2956,
0.3142

39.3538, 0.2464,
0.2646

69.9138, 0.3112,
0.3277

33.6442, 0.2303,
0.2454

79.6239, 0.3259,
0.3397

28.6439, 0.2152,
0.2253

89.1335, 0.3359,
0.3505

24.3169, 0.2016,
0.2048

96.1073, 0.3343,
0.3614

■ 20.6226, 0.1900,
0.1845

■ 97.8966, 0.3339,
0.3641

■ 17.5141, 0.1809,
0.1650

■ 15.1576, 0.1746,
0.1486

Harmonies

Analogous

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



53.0289, 0.2752, 0.3104



53.0289, 0.2795, 0.2992



53.0289, 0.2925, 0.2961

Triad

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



53.0289, 0.2795, 0.2992



53.0289, 0.3458, 0.3293



53.0289, 0.3133, 0.3591

Complementary

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



53.0289, 0.2795, 0.2992



58.0297, 0.3491, 0.3571

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.



53.0289, 0.3325, 0.3638



53.0289, 0.2795, 0.2992



53.0289, 0.3517, 0.3458

Square

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



53.0289, 0.2795, 0.2992



53.0289, 0.3308, 0.3132



53.0289, 0.3467, 0.3586



53.0289, 0.2944, 0.3455

Rectangle

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



53.0289, 0.2795, 0.2992



53.0289, 0.3046, 0.2987



53.0289, 0.3467, 0.3586



53.0289, 0.3199, 0.3617

Sweetspot

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



53.0311, 0.2795, 0.2992



92.2222, 0.3035, 0.3211



63.5887, 0.2950, 0.3564



19.5638, 0.3024, 0.3202



0.0000, 0.0000, 0.0000



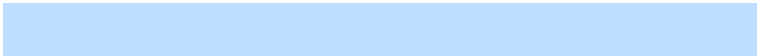
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.0311, 0.2795, 0.2992



70.4230, 0.2726, 0.2924



43.9721, 0.2782, 0.2710



13.6388, 0.2982, 0.3165



9.2008, 0.1754, 0.1513



0.7679, 0.1838, 0.1817

Inverse Universe

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



48.8908, 0.3352, 0.3034



63.8897, 0.3409, 0.2981



68.6483, 0.3437, 0.3813



13.1547, 0.3217, 0.3179



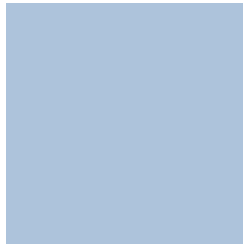
9.5526, 0.5042, 0.2551



0.6362, 0.4665, 0.2344

Previews

White Background



This preview shows how the Yxy color 53.0289, 0.2795, 0.2992 looks on a white background.

Color Contrast Check

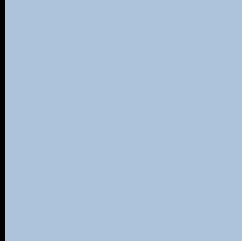
Large Text (above 18pt) WCAG AA × Fail

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 53.0289, 0.2795, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

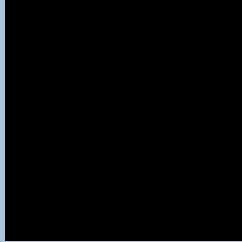
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

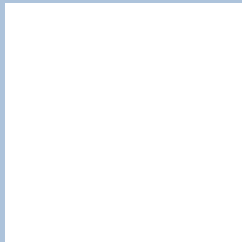
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0289, 0.2795, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 53.0289, 0.2795, 0.2992.



This preview shows how white text looks on a background with the Yxy color 53.0289, 0.2795, 0.2992.

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

53.0289, 0.2795, 0.2992

Protanopia

52.9108, 0.2922, 0.2987

Deuteranopia

52.6314, 0.2955, 0.2889



Tritanopia

53.0040, 0.2834, 0.3089

Trichromacy



Original Color

53.0289, 0.2795, 0.2992

Protanomaly

52.7763, 0.2879, 0.2985

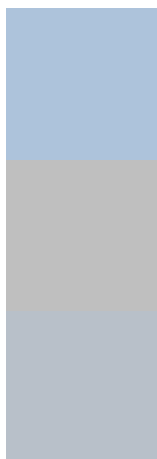
Deuteranomaly

52.6856, 0.2895, 0.2929

Tritanomaly

53.1568, 0.2815, 0.3052

Monochromacy



Original Color

53.0289, 0.2795, 0.2992

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1067, 0.2998, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0289, 0.2795, 0.2992 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(173, 195, 219)` looks like.

```
.text, #text, p{  
    color:rgb(173, 195, 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(173, 195, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 195, 219) }
```

Border

The CSS property to change the border of an element to Yxy 53.0289, 0.2795, 0.2992 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(173, 195, 219) }
```

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

```
.border{ border-color:rgb(173, 195, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 195, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 195, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 195, 219);  
box-shadow:4px 4px 4px 4px rgb(173, 195,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0289, 0.2795, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 195, 219) }
```

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

```
.background{ background-color: rgb(173,  
195, 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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