

Converting Colors

$Yxy(52.8987, 0.2797, 0.3086)$

Have a look what the booklet for
Yxy(52.8987, 0.2797, 0.3086)
contains.

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Color

Yxy(52.9521, 0.2794, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	A7C5D5
RGB	167, 197, 213
RGB Percent	65%, 77%, 84%
CMY	0.3448, 0.2275, 0.1646
CMYK	0.22, 0.08, 0.00, 0.16
HSL	201°, 35%, 75%
HSV	201°, 22%, 84%
XYZ	47.9262, 52.9521, 70.6543
YIQ	189.8540, -23.0160, -1.3840

Conversions

Conversions Part 2

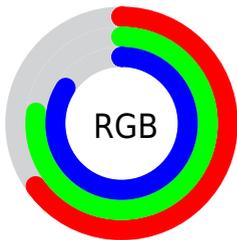
Format	Color
RYB	167, 185, 213
Decimal	10995157
CIELab	77.85, -6.54, -11.35
CIElCh	78, 13.097, 240.025
Yxy	52.9521, 0.2794, 0.3087
Android (android.graphics.Color)	4289185237 (0xFFA7C5D5)
YUV	189.8540, 11.4110, -20.0430
Hunter-Lab	72.7682, -9.7816, -6.6299

Details

The Yxy color **52.9521, 0.2794, 0.3087** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.8532, 0.3521, 0.3484**, and the grayscale version is **51.3562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7916, 0.2934, 0.3279**, and **25.6910, 0.2707, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **47.5280, 0.2641, 0.2978**, and if you desaturate by 10%, it is **58.9292, 0.2949, 0.3187**.

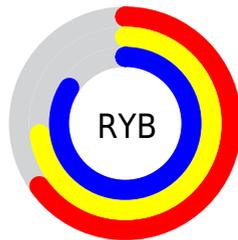
Distribution



Red (65%)

Green (77%)

Blue (84%)



Red (65%)

Yellow (73%)

Blue (84%)

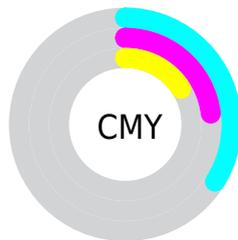


Cyan (22%)

Magenta (8%)

Yellow (0%)

Black (16%)



Cyan (34%)

Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9521, 0.2794, 0.3087 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 52.9521, 0.2794, 0.3087 by changing the saturation by 10% instead.

■ 52.9521, 0.2794,
0.3087

■ 52.9521, 0.2794,
0.3087

■ 398.1013, 0.2955,
0.3188

■ 37.7645, 0.2755,
0.3062

■ 94.5339, 0.2851,
0.3123

■ 25.8000, 0.2706,
0.3031

■ 121.6969, 0.2873,
0.3137

■ 16.6741, 0.2643,
0.2989

■ 153.6205, 0.2892,
0.3149

■ 10.0024, 0.2557,
0.2932

■ 190.6891, 0.2908,
0.3159

■ 5.4005, 0.2435,
0.2848

■ 233.2871, 0.2922,
0.3167

■ 2.4841, 0.2248,
0.2715

■ 281.7988, 0.2935,

■ 0.8687, 0.1903,

0.3175

0.2482

336.6088, 0.2946,
0.3182

0.0000, 0.0000,
0.0000

52.9521, 0.2794,
0.3087

52.9521, 0.2794,
0.3087

47.5280, 0.2641,
0.2978

58.9292, 0.2949,
0.3187

42.6293, 0.2493,
0.2861

65.4725, 0.3103,
0.3277

38.2356, 0.2354,
0.2736

72.6029, 0.3254,
0.3358

34.3220, 0.2228,
0.2606

80.3378, 0.3400,
0.3429

30.8613, 0.2119,
0.2472

84.9972, 0.3408,
0.3502

■ 27.8223, 0.2029,
0.2337

■ 89.3228, 0.3396,
0.3574

■ 25.1683, 0.1960,
0.2204

■ 93.8282, 0.3385,
0.3645

■ 23.1770, 0.1915,
0.2094

■ 97.5848, 0.3375,
0.3701

Harmonies

Analogous

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



52.9521, 0.2816, 0.3227



52.9521, 0.2794, 0.3087



52.9521, 0.2858, 0.3007

Triad

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



52.9521, 0.2794, 0.3087



52.9521, 0.3336, 0.3190



52.9521, 0.3255, 0.3596

Complementary

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



52.9521, 0.2794, 0.3087



50.8532, 0.3521, 0.3484

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.



52.9521, 0.3400, 0.3577



52.9521, 0.2794, 0.3087



52.9521, 0.3449, 0.3339

Square

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



52.9521, 0.2794, 0.3087



52.9521, 0.3169, 0.3068



52.9521, 0.3472, 0.3481



52.9521, 0.3079, 0.3528

Rectangle

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



52.9521, 0.2794, 0.3087



52.9521, 0.2942, 0.2995



52.9521, 0.3472, 0.3481



52.9521, 0.3309, 0.3600

Sweetspot

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



52.9543, 0.2794, 0.3087



93.8533, 0.3034, 0.3237



59.2134, 0.3000, 0.3682



19.9494, 0.3024, 0.3231



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.



52.9543, 0.2794, 0.3087



75.6367, 0.2722, 0.3037



43.5858, 0.2773, 0.2795



13.3444, 0.2982, 0.3207



14.3533, 0.1920, 0.2113



1.0181, 0.1983, 0.2340

Inverse Universe

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



45.8452, 0.3289, 0.2936



63.3447, 0.3332, 0.2855



60.7756, 0.3468, 0.3741



12.5557, 0.3191, 0.3139



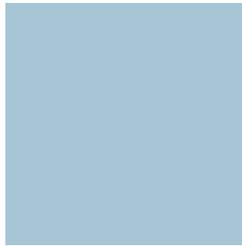
9.7938, 0.4327, 0.2157



0.6061, 0.4085, 0.2024

Previews

White Background



This preview shows how the Yxy color 52.9521, 0.2794, 0.3087 looks on a white background.

Color Contrast Check

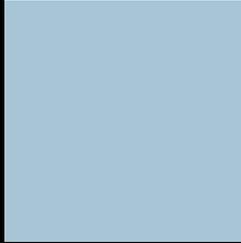
Large Text (above 18pt) WCAG AA × Fail

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 52.9521, 0.2794, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

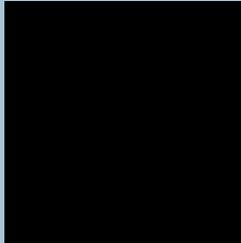
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

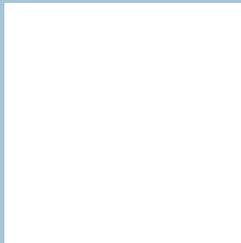
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9521, 0.2794, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 52.9521, 0.2794, 0.3087.



This preview shows how white text looks on a background with the Yxy color 52.9521, 0.2794, 0.3087.

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

52.9521, 0.2794, 0.3087

Protanopia

52.8122, 0.2987, 0.3071

Deuteranopia

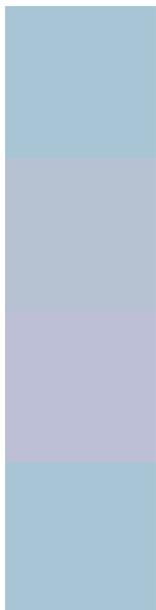
52.7263, 0.3022, 0.2959



Tritanopia

52.9521, 0.2794, 0.3087

Trichromacy



Original Color

52.9521, 0.2794, 0.3087

Protanomaly

52.7382, 0.2919, 0.3080

Deuteranomaly

52.8080, 0.2936, 0.3011

Tritanomaly

52.9521, 0.2794, 0.3087

Monochromacy



Original Color

52.9521, 0.2794, 0.3087

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1622, 0.3004, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9521, 0.2794, 0.3087 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(167, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(167, 197, 213)  
}
```

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(167, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 197, 213) }
```

Border

The CSS property to change the border of an element to Yxy 52.9521, 0.2794, 0.3087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

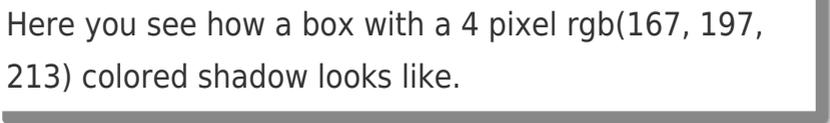
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 197, 213) }
```

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

```
.border{ border-color:rgb(167, 197, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 197, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 197, 213); box-shadow:4px 4px 4px 4px rgb(167, 197, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9521, 0.2794, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 197, 213) }
```

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

```
.background{ background-color: rgb(167,  
197, 213) }
```

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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