

Converting Colors

$Yxy(54.2547, 0.2829, 0.3127)$

Have a look what the booklet for
Yxy(54.2547, 0.2829, 0.3127)
contains.

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Color

Yxy(54.2582, 0.2830, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	ABC7D4
RGB	171, 199, 212
RGB Percent	67%, 78%, 83%
CMY	0.3293, 0.2196, 0.1687
CMYK	0.19, 0.06, 0.00, 0.17
HSL	199°, 32%, 75%
HSV	199°, 19%, 83%
XYZ	49.1048, 54.2582, 70.1522
YIQ	192.1100, -20.8610, -1.8930

Conversions

Conversions Part 2

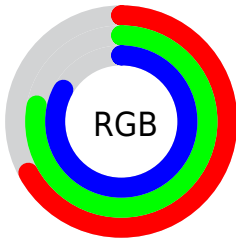
Format	Color
R_{YB}	171, 188, 212
Decimal	11257812
CIE _{Lab}	78.61, -6.61, -9.61
CIE _{LCh}	79, 11.666, 235.506
Yxy	54.2582, 0.2830, 0.3127
Android (android.graphics.Color)	4289447892 (0xFFABC7D4)
YUV	192.1100, 9.8058, -18.5135
Hunter-Lab	73.6602, -9.9101, -4.9043

Details

The Yxy color **54.2582, 0.2830, 0.3127** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.2212, 0.3476, 0.3447**, and the grayscale version is **52.7347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **26.5367, 0.2754, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **49.0433, 0.2678, 0.3030**, and if you desaturate by 10%, it is **59.9958, 0.2984, 0.3215**.

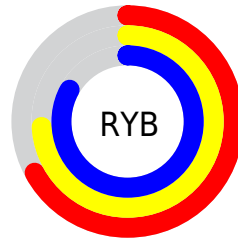
Distribution



Red (67%)

Green (78%)

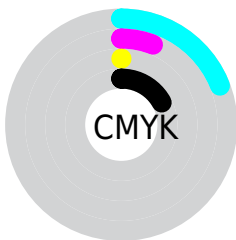
Blue (83%)



Red (67%)

Yellow (74%)

Blue (83%)

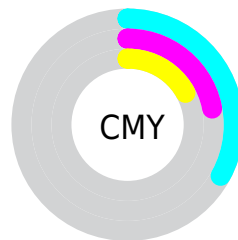


Cyan (19%)

Magenta (6%)

Yellow (0%)

Black (17%)



Cyan (33%)

Magenta (22%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2582, 0.2830, 0.3127 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 54.2582, 0.2830, 0.3127 by changing the saturation by 10% instead.

■ 54.2582, 0.2830,
0.3127

■ 54.2582, 0.2830,
0.3127

403.0938, 0.2974,
0.3208

■ 38.8081, 0.2796,
0.3107

■ 96.4533, 0.2881,
0.3156

■ 26.6105, 0.2752,
0.3082

123.9670, 0.2901,
0.3167

■ 17.2809, 0.2696,
0.3049

156.2708, 0.2917,
0.3176

■ 10.4350, 0.2620,
0.3003

193.7490, 0.2931,
0.3184

■ 5.6883, 0.2513,
0.2936

236.7860, 0.2944,
0.3191

■ 2.6565, 0.2348,
0.2830

285.7662, 0.2955,

■ 0.9551, 0.2058,

0.3197

0.2639

341.0740, 0.2965,
0.3203

0.0000, 0.0000,
0.0000

54.2582, 0.2830,
0.3127

54.2582, 0.2830,
0.3127

49.0433, 0.2678,
0.3030

59.9958, 0.2984,
0.3215

44.3246, 0.2532,
0.2926

66.2680, 0.3138,
0.3295

40.0828, 0.2394,
0.2815

73.0948, 0.3288,
0.3367

36.2947, 0.2269,
0.2699

80.3352, 0.3428,
0.3431

32.9345, 0.2161,
0.2579

84.0583, 0.3417,
0.3497

■ 29.9731, 0.2071,
0.2458

■ 87.9262, 0.3407,
0.3562

■ 27.3764, 0.2002,
0.2337

■ 91.9404, 0.3396,
0.3627

■ 25.0887, 0.1951,
0.2218

■ 96.1024, 0.3385,
0.3690

■ 24.9375, 0.1947,
0.2210

■ 97.5320, 0.3382,
0.3711

Harmonies

Analogous

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



54.2582, 0.2861, 0.3256



54.2582, 0.2830, 0.3127



54.2582, 0.2876, 0.3046

Triad

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



54.2582, 0.2830, 0.3127



54.2582, 0.3292, 0.3183



54.2582, 0.3262, 0.3562

Complementary

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



54.2582, 0.2830, 0.3127



51.2212, 0.3476, 0.3447

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.



54.2582, 0.3382, 0.3535



54.2582, 0.2830, 0.3127



54.2582, 0.3400, 0.3314

Square

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



54.2582, 0.2830, 0.3127



54.2582, 0.3140, 0.3081



54.2582, 0.3434, 0.3443



54.2582, 0.3108, 0.3513

Rectangle

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



54.2582, 0.2830, 0.3127



54.2582, 0.2945, 0.3028



54.2582, 0.3434, 0.3443



54.2582, 0.3308, 0.3562

Sweetspot

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



54.2604, 0.2830, 0.3127



94.1576, 0.3034, 0.3242



59.1958, 0.3017, 0.3646



20.0214, 0.3024, 0.3237



0.0000, 0.0000, 0.0000



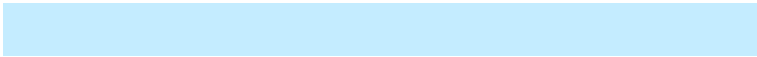
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2604, 0.2830, 0.3127



79.2304, 0.2770, 0.3090



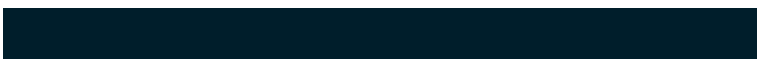
45.4724, 0.2814, 0.2862



13.4131, 0.2982, 0.3214



15.5869, 0.1952, 0.2227



1.0859, 0.2009, 0.2432

Inverse Universe

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



47.2573, 0.3258, 0.2959



66.9780, 0.3290, 0.2889



60.3428, 0.3432, 0.3684



12.5626, 0.3186, 0.3132



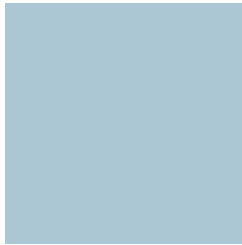
9.9184, 0.4203, 0.2089



0.6129, 0.3990, 0.1972

Previews

White Background



This preview shows how the Yxy color 54.2582, 0.2830, 0.3127 looks on a white background.

Color Contrast Check

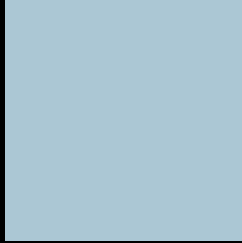
Large Text (above 18pt) WCAG AA × Fail

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 54.2582, 0.2830, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

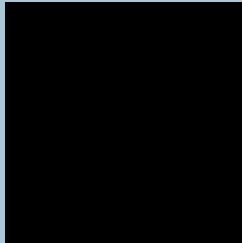
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

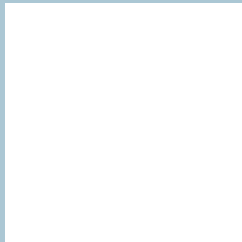
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2582, 0.2830, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 54.2582, 0.2830, 0.3127.

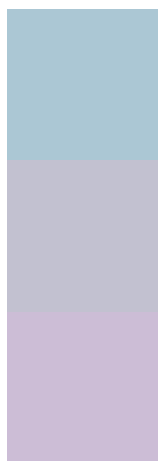


This preview shows how white text looks on a background with the Yxy color 54.2582, 0.2830, 0.3127.

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

54.2582, 0.2830, 0.3127

Protanopia

54.1633, 0.3025, 0.3109

Deuteranopia

54.0876, 0.3061, 0.2997



Tritanopia

54.4725, 0.2824, 0.3103

Trichromacy



Original Color

54.2582, 0.2830, 0.3127

Protanomaly

54.0728, 0.2957, 0.3118

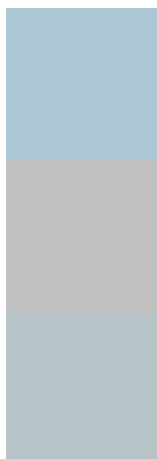
Deuteranomaly

54.1505, 0.2974, 0.3049

Tritanomaly

54.4216, 0.2830, 0.3115

Monochromacy



Original Color

54.2582, 0.2830, 0.3127

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.3441, 0.3012, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2582, 0.2830, 0.3127 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(171, 199, 212)` looks like.

```
.text, #text, p{  
    color:rgb(171, 199, 212)  
}
```

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(171, 199, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 199, 212) }
```

Border

The CSS property to change the border of an element to Yxy 54.2582, 0.2830, 0.3127 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(171, 199, 212) }
```

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

```
.border{ border-color:rgb(171, 199, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 199, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 199, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 199, 212); box-shadow:4px 4px 4px 4px rgb(171, 199, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2582, 0.2830, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 199, 212) }
```

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

```
.background{ background-color: rgb(171,  
199, 212) }
```

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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