

Converting Colors

Yxy(54.1108, 0.2849, 0.3164)

Have a look what the booklet for
Yxy(54.1108, 0.2849, 0.3164)
contains.

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Color

Yxy(54.1082, 0.2849, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	ABC7D1
RGB	171, 199, 209
RGB Percent	67%, 78%, 82%
CMY	0.3295, 0.2196, 0.1805
CMYK	0.18, 0.05, 0.00, 0.18
HSL	196°, 29%, 75%
HSV	196°, 18%, 82%
XYZ	48.7213, 54.1082, 68.1825
YIQ	191.7680, -19.8980, -2.8260

Conversions

Conversions Part 2

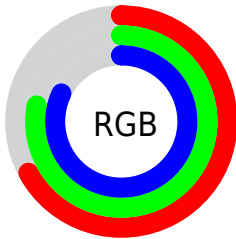
Format	Color
R_{YB}	171, 187, 209
Decimal	11257809
CIE _{Lab}	78.52, -7.28, -8.13
CIE _{LCh}	79, 10.914, 228.178
Yxy	54.1082, 0.2849, 0.3164
Android (android.graphics.Color)	4289447889 (0xFFABC7D1)
YUV	191.7680, 8.4954, -18.2135
Hunter-Lab	73.5583, -10.4975, -3.4662

Details

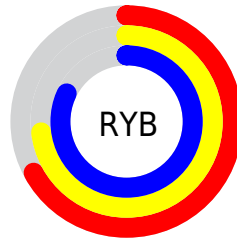
The Yxy color **54.1082, 0.2849, 0.3164** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.5194, 0.3456, 0.3413**, and the grayscale version is **52.5270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **26.4689, 0.2771, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **49.4688, 0.2700, 0.3085**, and if you desaturate by 10%, it is **59.2139, 0.3002, 0.3236**.

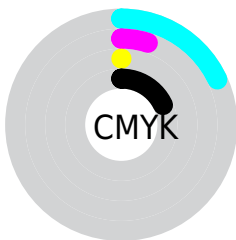
Distribution



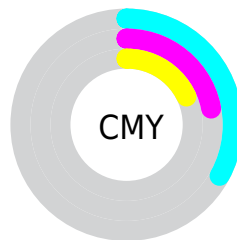
- Red (67%)
- Green (78%)
- Blue (82%)



- Red (67%)
- Yellow (73%)
- Blue (82%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (33%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1082, 0.2849, 0.3164 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 54.1082, 0.2849, 0.3164 by changing the saturation by 10% instead.

■ 54.1082, 0.2849,
0.3164

■ 54.1082, 0.2849,
0.3164

402.5225, 0.2983,
0.3227

■ 38.6882, 0.2817,
0.3148

■ 96.2331, 0.2897,
0.3187

■ 26.5172, 0.2776,
0.3129

123.7068, 0.2915,
0.3195

■ 17.2110, 0.2723,
0.3102

155.9671, 0.2931,
0.3202

■ 10.3850, 0.2652,
0.3066

193.3985, 0.2944,
0.3209

■ 5.6550, 0.2550,
0.3013

236.3853, 0.2956,
0.3214

■ 2.6364, 0.2393,
0.2927

285.3120, 0.2966,

■ 0.9450, 0.2110,

0.3219

0.2772

340.5629, 0.2975,
0.3223

0.0000, 0.0000,
0.0000

54.1082, 0.2849,
0.3164

54.1082, 0.2849,
0.3164

49.4688, 0.2700,
0.3085

59.2139, 0.3002,
0.3236

45.2708, 0.2557,
0.3001

64.7964, 0.3155,
0.3301

41.4966, 0.2425,
0.2911

70.8742, 0.3307,
0.3360

38.1246, 0.2306,
0.2817

77.4626, 0.3455,
0.3412

35.1313, 0.2203,
0.2720

80.4845, 0.3448,
0.3467

■ 32.4896, 0.2119,
0.2621

■ 83.5211, 0.3439,
0.3521

■ 30.1683, 0.2056,
0.2523

■ 86.6541, 0.3429,
0.3574

■ 28.1212, 0.2010,
0.2426

■ 89.8841, 0.3420,
0.3627

■ 27.7657, 0.2002,
0.2408

■ 93.2122, 0.3411,
0.3679

Harmonies

Analogous

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



54.1082, 0.2896, 0.3291



54.1082, 0.2849, 0.3164



54.1082, 0.2875, 0.3075

Triad

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



54.1082, 0.2849, 0.3164



54.1082, 0.3249, 0.3163



54.1082, 0.3286, 0.3545

Complementary

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



54.1082, 0.2849, 0.3164



49.5194, 0.3456, 0.3413

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.



54.1082, 0.3385, 0.3503



54.1082, 0.2849, 0.3164



54.1082, 0.3364, 0.3282

Square

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



54.1082, 0.2849, 0.3164



54.1082, 0.3103, 0.3077



54.1082, 0.3414, 0.3406



54.1082, 0.3146, 0.3516

Rectangle

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



54.1082, 0.2849, 0.3164



54.1082, 0.2930, 0.3047



54.1082, 0.3414, 0.3406



54.1082, 0.3325, 0.3539

Sweetspot

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



54.1104, 0.2849, 0.3164



95.5460, 0.3050, 0.3257



57.5612, 0.3040, 0.3656



20.3202, 0.3039, 0.3252



0.0000, 0.0000, 0.0000



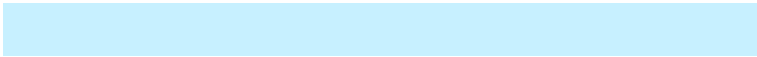
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1104, 0.2849, 0.3164



81.8357, 0.2788, 0.3133



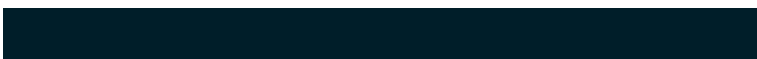
46.0960, 0.2836, 0.2924



12.8603, 0.2983, 0.3228



17.2914, 0.2006, 0.2422



1.0922, 0.2056, 0.2600

Inverse Universe

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



46.7958, 0.3231, 0.2956



68.3690, 0.3259, 0.2878



57.5596, 0.3418, 0.3631



11.9539, 0.3177, 0.3120



9.8168, 0.4001, 0.1977



0.5615, 0.3824, 0.1880

Previews

White Background



This preview shows how the Yxy color 54.1082, 0.2849, 0.3164 looks on a white background.

Color Contrast Check

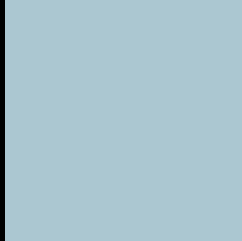
Large Text (above 18pt) WCAG AA × Fail

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 54.1082, 0.2849, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

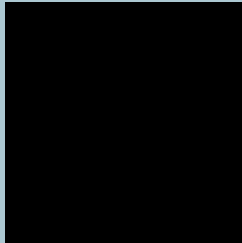
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

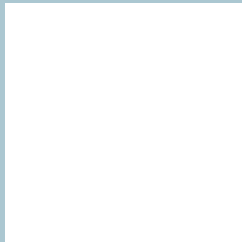
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1082, 0.2849, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 54.1082, 0.2849, 0.3164.



This preview shows how white text looks on a background with the Yxy color 54.1082, 0.2849, 0.3164.

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

54.1082, 0.2849, 0.3164

Protanopia

54.0170, 0.3047, 0.3145

Deuteranopia

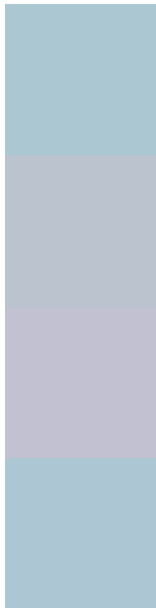
54.0775, 0.3091, 0.3032



Tritanopia

54.0139, 0.2823, 0.3090

Trichromacy



Original Color

54.1082, 0.2849, 0.3164

Protanomaly

53.9255, 0.2978, 0.3154

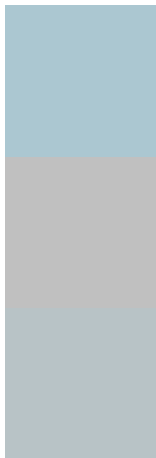
Deuteranomaly

54.1305, 0.3003, 0.3085

Tritanomaly

53.9123, 0.2836, 0.3114

Monochromacy



Original Color

54.1082, 0.2849, 0.3164

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2978, 0.3019, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1082, 0.2849, 0.3164 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(171, 199, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 199, 209) }
```

Border

The CSS property to change the border of an element to Yxy 54.1082, 0.2849, 0.3164 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, 209) }
```

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

```
.border{ border-color:rgb(171, 199, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(171, 199,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1082, 0.2849, 0.3164 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, 209) }
```

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

```
.background{ background-color: rgb(171,  
199, 209) }
```

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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