

Converting Colors

$Yxy(55.0641, 0.2799, 0.3044)$

Have a look what the booklet for
Yxy(55.0641, 0.2799, 0.3044)
contains.

Yxy(54.8456, 0.2799, 0.3043)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.8456, 0.2799, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	ADC7DB
RGB	173, 199, 219
RGB Percent	68%, 78%, 86%
CMY	0.3214, 0.2196, 0.1412
CMYK	0.21, 0.09, 0.00, 0.14
HSL	206°, 39%, 77%
HSV	206°, 21%, 86%
XYZ	50.4479, 54.8456, 74.9418
YIQ	193.5060, -21.9160, 0.7080

Conversions

Conversions Part 2

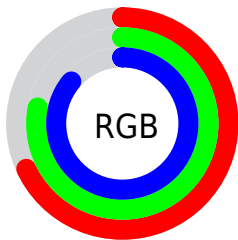
Format	Color
RYB	173, 190, 219
Decimal	11388891
CIELab	78.95, -4.45, -12.87
CIELCh	79, 13.620, 250.938
Yxy	54.8456, 0.2799, 0.3043
Android (android.graphics.Color)	4289578971 (0xFFADC7DB)
YUV	193.5060, 12.5685, -17.9838
Hunter-Lab	74.0578, -8.0078, -8.1573

Details

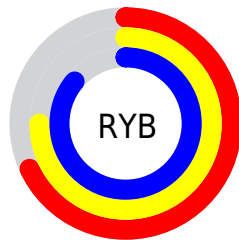
The Yxy color **54.8456, 0.2799, 0.3043** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2326, 0.3500, 0.3525**, and the grayscale version is **53.5802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **26.9242, 0.2715, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **48.3033, 0.2640, 0.2906**, and if you desaturate by 10%, it is **62.0762, 0.2957, 0.3168**.

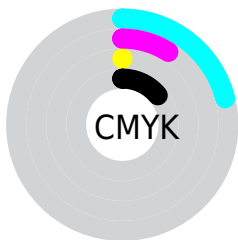
Distribution



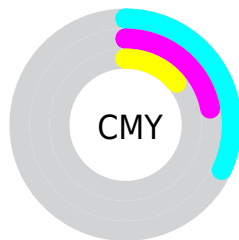
- Red (68%)
- Green (78%)
- Blue (86%)



- Red (68%)
- Yellow (75%)
- Blue (86%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (32%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8456, 0.2799, 0.3043 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 54.8456, 0.2799, 0.3043 by changing the saturation by 10% instead.

■ 54.8456, 0.2799,
0.3043

■ 54.8456, 0.2799,
0.3043

405.3264, 0.2957,
0.3164

■ 39.2781, 0.2761,
0.3014

■ 97.3147, 0.2855,
0.3086

■ 26.9762, 0.2714,
0.2977

124.9851, 0.2877,
0.3103

■ 17.5553, 0.2653,
0.2928

157.4586, 0.2895,
0.3117

■ 10.6312, 0.2570,
0.2862

195.1196, 0.2911,
0.3129

■ 5.8194, 0.2454,
0.2768

238.3525, 0.2924,
0.3139

■ 2.7356, 0.2277,
0.2621

287.5416, 0.2937,

■ 0.9953, 0.1982,

0.3148

0.2367

343.0715, 0.2947,
0.3157

0.0000, 0.0000,
0.0000

54.8456, 0.2799,
0.3043

54.8456, 0.2799,
0.3043

48.3033, 0.2640,
0.2906

62.0762, 0.2957,
0.3168

42.4176, 0.2483,
0.2758

70.0118, 0.3112,
0.3280

37.1642, 0.2333,
0.2600

78.6768, 0.3261,
0.3380

32.5141, 0.2193,
0.2434

87.0083, 0.3364,
0.3470

28.4353, 0.2070,
0.2265

92.6773, 0.3351,
0.3562

■ 24.8921, 0.1966,
0.2094

■ 97.8943, 0.3340,
0.3641

■ 21.8425, 0.1885,
0.1928

■ 19.4559, 0.1829,
0.1783

Harmonies

Analogous

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



54.8456, 0.2789, 0.3167



54.8456, 0.2799, 0.3043



54.8456, 0.2894, 0.2988

Triad

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



54.8456, 0.2799, 0.3043



54.8456, 0.3393, 0.3242



54.8456, 0.3193, 0.3590

Complementary

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



54.8456, 0.2799, 0.3043



56.2326, 0.3500, 0.3525

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.



54.8456, 0.3360, 0.3603



54.8456, 0.2799, 0.3043



54.8456, 0.3478, 0.3396

Square

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



54.8456, 0.2799, 0.3043



54.8456, 0.3236, 0.3103



54.8456, 0.3465, 0.3529



54.8456, 0.3013, 0.3489

Rectangle

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



54.8456, 0.2799, 0.3043



54.8456, 0.2995, 0.2995



54.8456, 0.3465, 0.3529



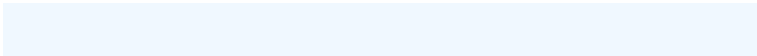
54.8456, 0.3253, 0.3604

Sweetspot

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



54.8478, 0.2799, 0.3043



93.0385, 0.3034, 0.3224



63.3973, 0.2974, 0.3612



19.7567, 0.3024, 0.3217



0.0000, 0.0000, 0.0000



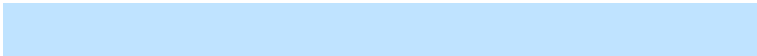
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8478, 0.2799, 0.3043



73.4097, 0.2732, 0.2987



45.0915, 0.2779, 0.2750



13.8316, 0.2982, 0.3186



11.7585, 0.1835, 0.1807



0.9321, 0.1909, 0.2071

Inverse Universe

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



49.0830, 0.3318, 0.2989



64.1912, 0.3365, 0.2926



67.1550, 0.3449, 0.3778



13.1741, 0.3204, 0.3159



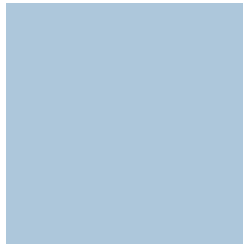
9.8108, 0.4677, 0.2350



0.6528, 0.4373, 0.2183

Previews

White Background



This preview shows how the Yxy color 54.8456, 0.2799, 0.3043 looks on a white background.

Color Contrast Check

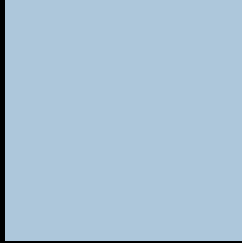
Large Text (above 18pt) WCAG AA × Fail

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 54.8456, 0.2799, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

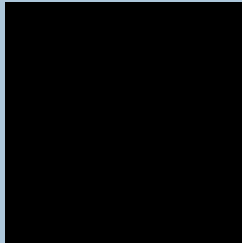
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

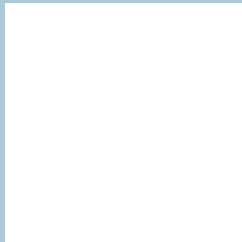
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8456, 0.2799, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 54.8456, 0.2799, 0.3043.



This preview shows how white text looks on a background with the Yxy color 54.8456, 0.2799, 0.3043.

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

54.8456, 0.2799, 0.3043

Protanopia

54.8789, 0.2961, 0.3027

Deuteranopia

54.6039, 0.2994, 0.2929



Tritanopia

54.9855, 0.2818, 0.3103

Trichromacy



Original Color

54.8456, 0.2799, 0.3043

Protanomaly

54.9287, 0.2903, 0.3036

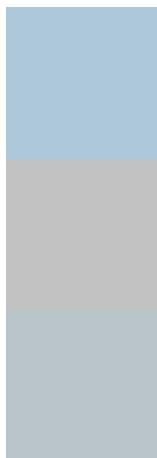
Deuteranomaly

54.3836, 0.2918, 0.2968

Tritanomaly

55.0371, 0.2812, 0.3091

Monochromacy



Original Color

54.8456, 0.2799, 0.3043

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2308, 0.2999, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8456, 0.2799, 0.3043 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, 199, 219)` looks like.

```
.text, #text, p{  
    color:rgb(173, 199, 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, 199, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 199, 219) }
```

Border

The CSS property to change the border of an element to Yxy 54.8456, 0.2799, 0.3043 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, 199, 219) }
```

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

```
.border{ border-color:rgb(173, 199, 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, 199, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 199, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 199, 219);  
box-shadow:4px 4px 4px 4px rgb(173, 199,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8456, 0.2799, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 199, 219) }
```

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

```
.background{ background-color: rgb(173,  
199, 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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