

Converting Colors

$Y_{xy}(54.1194, 0.2911, 0.3221)$

Have a look what the booklet for
Yxy(54.1194, 0.2911, 0.3221)
contains.

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Color

Yxy(54.3204, 0.2911, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	AFC7CC
RGB	175, 199, 204
RGB Percent	69%, 78%, 80%
CMY	0.3137, 0.2196, 0.2001
CMYK	0.14, 0.02, 0.00, 0.20
HSL	190°, 22%, 74%
HSV	190°, 14%, 80%
XYZ	49.0011, 54.3204, 65.0094
YIQ	192.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

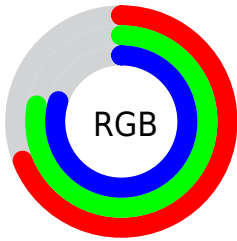
Format	Color
R_{YB}	175, 188, 204
Decimal	11519948
CIE Lab	78.65, -7.04, -5.22
CIE LCh	79, 8.770, 216.557
Yxy	54.3204, 0.2911, 0.3227
Android (android.graphics.Color)	4289710028 (0xFFAFC7CC)
YUV	192.3940, 5.7218, -15.2545
Hunter-Lab	73.7024, -10.3031, -0.7053

Details

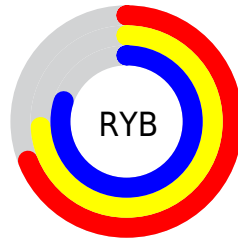
The Yxy color **54.3204, 0.2911, 0.3227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5647, 0.3379, 0.3352**, and the grayscale version is **52.9291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **26.5904, 0.2851, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **50.5461, 0.2764, 0.3178**, and if you desaturate by 10%, it is **58.4927, 0.3063, 0.3272**.

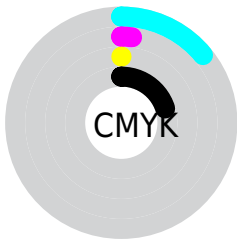
Distribution



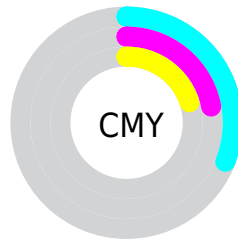
- Red (69%)
- Green (78%)
- Blue (80%)



- Red (69%)
- Yellow (74%)
- Blue (80%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3204, 0.2911, 0.3227 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 54.3204, 0.2911, 0.3227 by changing the saturation by 10% instead.

■ 54.3204, 0.2911,
0.3227

■ 54.3204, 0.2911,
0.3227

403.3306, 0.3016,
0.3259

■ 38.8579, 0.2886,
0.3219

■ 96.5445, 0.2948,
0.3238

■ 26.6492, 0.2854,
0.3209

124.0749, 0.2963,
0.3243

■ 17.3099, 0.2813,
0.3196

156.3967, 0.2975,
0.3246

■ 10.4557, 0.2757,
0.3177

193.8943, 0.2985,
0.3250

■ 5.7021, 0.2676,
0.3149

236.9521, 0.2994,
0.3252

■ 2.6648, 0.2552,
0.3103

285.9545, 0.3002,

■ 0.9594, 0.2323,

0.3255

0.3020

341.2859, 0.3009,
0.3257

0.0000, 0.0000,
0.0000

54.3204, 0.2911,
0.3227

54.3204, 0.2911,
0.3227

50.5461, 0.2764,
0.3178

58.4927, 0.3063,
0.3272

47.1469, 0.2625,
0.3125

63.0715, 0.3217,
0.3313

44.1076, 0.2498,
0.3069

68.0733, 0.3370,
0.3350

41.4094, 0.2384,
0.3010

73.2061, 0.3509,
0.3383

39.0314, 0.2287,
0.2949

74.9853, 0.3502,
0.3419

■ 36.9505, 0.2209,
0.2887

■ 76.8027, 0.3495,
0.3454

■ 35.1396, 0.2150,
0.2826

■ 78.6585, 0.3489,
0.3489

■ 33.5662, 0.2109,
0.2765

■ 80.5530, 0.3482,
0.3523

■ 32.7277, 0.2092,
0.2729

■ 82.4864, 0.3475,
0.3558

Harmonies

Analogous

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



54.3204, 0.2970, 0.3333



54.3204, 0.2911, 0.3227



54.3204, 0.2909, 0.3140

Triad

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



54.3204, 0.2911, 0.3227



54.3204, 0.3181, 0.3157



54.3204, 0.3291, 0.3488

Complementary

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



54.3204, 0.2911, 0.3227



48.5647, 0.3379, 0.3352

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.



54.3204, 0.3350, 0.3436



54.3204, 0.2911, 0.3227



54.3204, 0.3286, 0.3245

Square

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



54.3204, 0.2911, 0.3227



54.3204, 0.3063, 0.3102



54.3204, 0.3348, 0.3347



54.3204, 0.3188, 0.3486

Rectangle

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



54.3204, 0.2911, 0.3227



54.3204, 0.2940, 0.3105



54.3204, 0.3348, 0.3347



54.3204, 0.3317, 0.3476

Sweetspot

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



54.3227, 0.2911, 0.3227



97.0053, 0.3065, 0.3273



55.5763, 0.3076, 0.3600



20.6452, 0.3053, 0.3270



0.0000, 0.0000, 0.0000



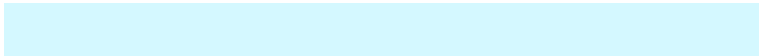
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3227, 0.2911, 0.3227



88.0321, 0.2866, 0.3213



48.0332, 0.2905, 0.3043



12.3868, 0.2983, 0.3249



20.7260, 0.2094, 0.2738



1.1579, 0.2127, 0.2857

Inverse Universe

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



47.6233, 0.3184, 0.3000



74.9224, 0.3198, 0.2937



54.6547, 0.3354, 0.3526



11.3694, 0.3163, 0.3100



9.8953, 0.3692, 0.1808



0.5194, 0.3582, 0.1747

Previews

White Background



This preview shows how the Yxy color 54.3204, 0.2911, 0.3227 looks on a white background.

Color Contrast Check

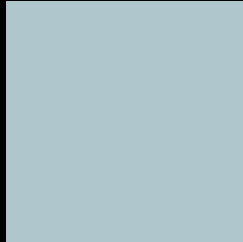
Large Text (above 18pt) WCAG AA × Fail

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 54.3204, 0.2911, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

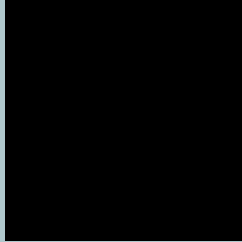
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

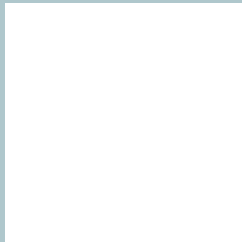
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3204, 0.2911, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 54.3204, 0.2911, 0.3227.



This preview shows how white text looks on a background with the Yxy color 54.3204, 0.2911, 0.3227.

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

54.3204, 0.2911, 0.3227

Protanopia

54.0927, 0.3092, 0.3193

Deuteranopia

54.2613, 0.3153, 0.3091



Tritanopia

54.5394, 0.2865, 0.3104

Trichromacy



Original Color

54.3204, 0.2911, 0.3227

Protanomaly

53.9858, 0.3021, 0.3204

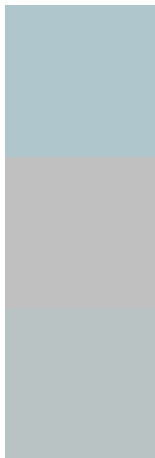
Deuteranomaly

54.2835, 0.3062, 0.3145

Tritanomaly

54.2714, 0.2877, 0.3140

Monochromacy



Original Color

54.3204, 0.2911, 0.3227

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4548, 0.3049, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3204, 0.2911, 0.3227 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(175, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(175, 199, 204)  
}
```

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(175, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 199, 204) }
```

Border

The CSS property to change the border of an element to Yxy 54.3204, 0.2911, 0.3227 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(175, 199, 204) }
```

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

```
.border{ border-color:rgb(175, 199, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 199, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(175, 199,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3204, 0.2911, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 199, 204) }
```

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

```
.background{ background-color: rgb(175,  
199, 204) }
```

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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