

Converting Colors

$Yxy(52.1363, 0.2874, 0.3113)$

Have a look what the booklet for
Yxy(52.1363, 0.2874, 0.3113)
contains.

Yxy(52.1363, 0.2874, 0.3113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.1363, 0.2874, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	AEC2D0
RGB	174, 194, 208
RGB Percent	68%, 76%, 82%
CMY	0.3176, 0.2392, 0.1843
CMYK	0.16, 0.07, 0.00, 0.18
HSL	205°, 27%, 75%
HSV	205°, 16%, 82%
XYZ	48.1335, 52.1363, 67.2094
YIQ	189.6160, -16.4140, 0.1140

Conversions

Conversions Part 2

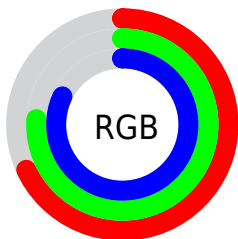
Format	Color
R_{YB}	174, 187, 208
Decimal	11453136
CIE _{Lab}	77.36, -3.88, -9.32
CIE _{LCh}	77, 10.096, 247.384
Yxy	52.1363, 0.2874, 0.3113
Android (android.graphics.Color)	4289643216 (0xFFAEC2D0)
YUV	189.6160, 9.0633, -13.6952
Hunter-Lab	72.2055, -7.3681, -4.6438

Details

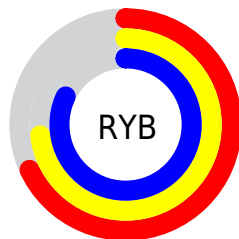
The Yxy color **52.1363, 0.2874, 0.3113** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4395, 0.3408, 0.3461**, and the grayscale version is **51.2157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4142, 0.2975, 0.3240**, and **25.1542, 0.2801, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **46.2264, 0.2716, 0.2990**, and if you desaturate by 10%, it is **58.6404, 0.3030, 0.3225**.

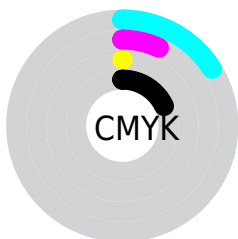
Distribution



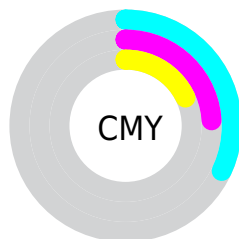
- Red (68%)
- Green (76%)
- Blue (82%)



- Red (68%)
- Yellow (73%)
- Blue (82%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (32%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1363, 0.2874, 0.3113 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 52.1363, 0.2874, 0.3113 by changing the saturation by 10% instead.

■ 52.1363, 0.2874,
0.3113

■ 52.1363, 0.2874,
0.3113

394.9626, 0.2997,
0.3200

■ 37.1137, 0.2844,
0.3092

■ 93.3322, 0.2918,
0.3145

■ 25.2956, 0.2806,
0.3064

120.2744, 0.2935,
0.3156

■ 16.2974, 0.2757,
0.3028

151.9585, 0.2949,
0.3167

■ 9.7348, 0.2690,
0.2978

188.7690, 0.2961,
0.3175

■ 5.2235, 0.2593,
0.2906

231.0902, 0.2972,
0.3183

■ 2.3790, 0.2443,
0.2790

279.3067, 0.2982,

■ 0.8150, 0.2155,

0.3189

0.2583

333.8026, 0.2990,
0.3195

0.0000, 0.0000,
0.0000

52.1363, 0.2874,
0.3113

52.1363, 0.2874,
0.3113

46.2264, 0.2716,
0.2990

58.6404, 0.3030,
0.3225

40.8836, 0.2560,
0.2855

65.7518, 0.3182,
0.3325

36.0881, 0.2409,
0.2711

73.4910, 0.3328,
0.3415

31.8159, 0.2268,
0.2558

81.4547, 0.3452,
0.3495

28.0412, 0.2140,
0.2400

86.2945, 0.3437,
0.3579

■ 24.7347, 0.2031,
0.2240

■ 91.3714, 0.3422,
0.3661

■ 21.8634, 0.1942,
0.2080

■ 96.6885, 0.3407,
0.3741

■ 19.3860, 0.1874,
0.1925

■ 97.3348, 0.3406,
0.3750

■ 18.5543, 0.1853,
0.1870

Harmonies

Analogous

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



52.1363, 0.2874, 0.3213



52.1363, 0.2874, 0.3113



52.1363, 0.2940, 0.3063

Triad

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



52.1363, 0.2874, 0.3113



52.1363, 0.3316, 0.3241



52.1363, 0.3194, 0.3519

Complementary

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



52.1363, 0.2874, 0.3113



52.4395, 0.3408, 0.3461

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.



52.1363, 0.3315, 0.3522



52.1363, 0.2874, 0.3113



52.1363, 0.3387, 0.3358

Square

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



52.1363, 0.2874, 0.3113



52.1363, 0.3194, 0.3137



52.1363, 0.3386, 0.3462



52.1363, 0.3057, 0.3451

Rectangle

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



52.1363, 0.2874, 0.3113



52.1363, 0.3013, 0.3063



52.1363, 0.3386, 0.3462



52.1363, 0.3238, 0.3528

Sweetspot

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



52.1385, 0.2874, 0.3113



94.3561, 0.3050, 0.3239



57.7314, 0.3015, 0.3548



20.0306, 0.3039, 0.3231



0.0000, 0.0000, 0.0000



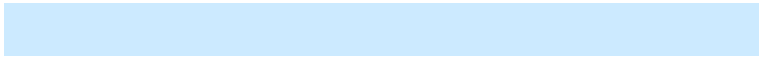
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1385, 0.2874, 0.3113



78.8982, 0.2813, 0.3066



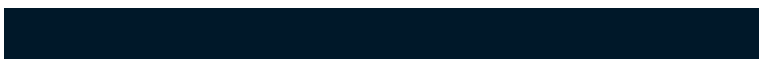
45.1568, 0.2865, 0.2897



12.5565, 0.2983, 0.3192



11.7567, 0.1859, 0.1891



0.8117, 0.1937, 0.2174

Inverse Universe

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



47.5795, 0.3262, 0.3050



70.3858, 0.3300, 0.2990



59.9458, 0.3377, 0.3654



11.9232, 0.3200, 0.3154



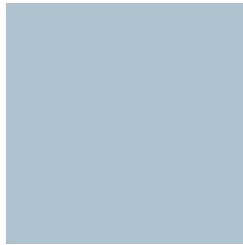
9.2581, 0.4578, 0.2295



0.5332, 0.4260, 0.2120

Previews

White Background



This preview shows how the Yxy color 52.1363, 0.2874, 0.3113 looks on a white background.

Color Contrast Check

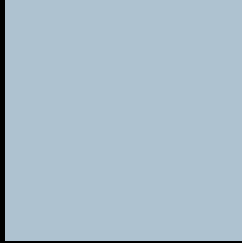
Large Text (above 18pt) WCAG AA × Fail

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 52.1363, 0.2874, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

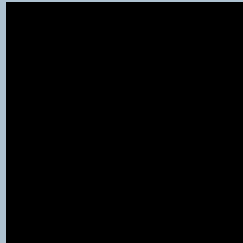
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

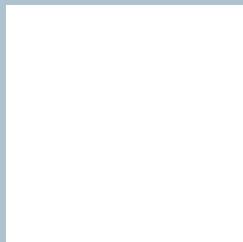
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1363, 0.2874, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 52.1363, 0.2874, 0.3113.

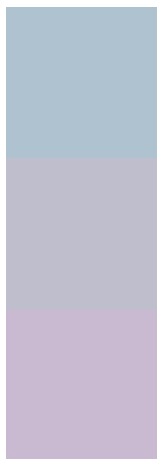


This preview shows how white text looks on a background with the Yxy color 52.1363, 0.2874, 0.3113.

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

52.1363, 0.2874, 0.3113

Protanopia

52.1818, 0.3016, 0.3106

Deuteranopia

52.1885, 0.3067, 0.3004



Tritanopia

52.1857, 0.2867, 0.3101

Trichromacy



Original Color

52.1363, 0.2874, 0.3113

Protanomaly

51.9082, 0.2962, 0.3104

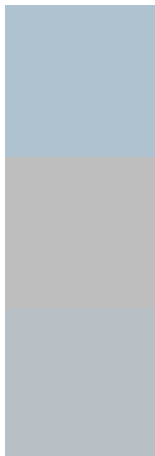
Deuteranomaly

52.0750, 0.2995, 0.3046

Tritanomaly

52.1857, 0.2867, 0.3101

Monochromacy



Original Color

52.1363, 0.2874, 0.3113

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4832, 0.3027, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1363, 0.2874, 0.3113 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(174, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(174, 194, 208)  
}
```

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(174, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 194, 208) }
```

Border

The CSS property to change the border of an element to Yxy 52.1363, 0.2874, 0.3113 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(174, 194, 208) }
```

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

```
.border{ border-color:rgb(174, 194, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(174, 194,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1363, 0.2874, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 194, 208) }
```

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

```
.background{ background-color: rgb(174,  
194, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor