

Converting Colors

$Yxy(52.5667, 0.3014, 0.3475)$

Have a look what the booklet for
Yxy(52.5667, 0.3014, 0.3475)
contains.

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Color

Yxy(52.5068, 0.3018, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	ABC6B8
RGB	171, 198, 184
RGB Percent	67%, 78%, 72%
CMY	0.3294, 0.2235, 0.2784
CMYK	0.14, 0.00, 0.07, 0.22
HSL	149°, 19%, 72%
HSV	149°, 14%, 78%
XYZ	45.6410, 52.5068, 53.0815
YIQ	188.3310, -11.5980, -10.0780

Conversions

Conversions Part 2

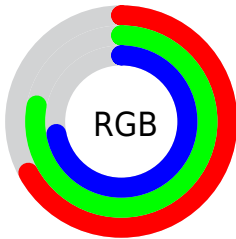
Format	Color
RYB	171, 189, 198
Decimal	11257528
CIELab	77.58, -11.84, 3.94
CIELCh	78, 12.475, 161.575
Yxy	52.5068, 0.3018, 0.3472
Android (android.graphics.Color)	4289447608 (0xFFABC6B8)
YUV	188.3310, -2.1352, -15.1993
Hunter-Lab	72.4616, -14.3769, 7.2904

Details

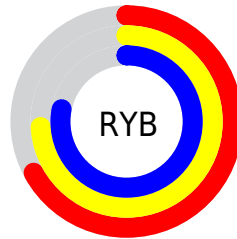
The Yxy color **52.5068, 0.3018, 0.3472** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.6349, 0.3253, 0.3115**, and the grayscale version is **50.5061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9800, 0.3034, 0.3442**, and **25.5071, 0.2993, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **50.0346, 0.2941, 0.3624**, and if you desaturate by 10%, it is **55.3477, 0.3098, 0.3336**.

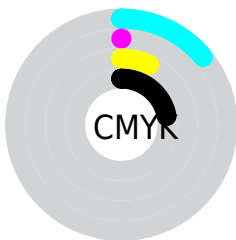
Distribution



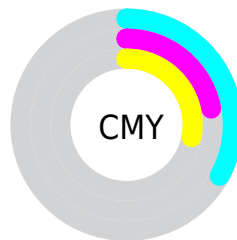
- Red (67%)
- Green (78%)
- Blue (72%)



- Red (67%)
- Yellow (74%)
- Blue (78%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)




- Cyan (33%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5068, 0.3018, 0.3472 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 52.5068, 0.3018, 0.3472 by changing the saturation by 10% instead.


 52.5068, 0.3018,
0.3472

 52.5068, 0.3018,
0.3472


396.3900, 0.3072,
0.3382

 37.4092, 0.3005,
0.3494


 93.8782, 0.3038,
0.3439

 25.5245, 0.2988,
0.3523


120.9209, 0.3045,
0.3427

 16.4682, 0.2965,
0.3561


152.7139, 0.3051,
0.3417

 9.8561, 0.2934,
0.3614

189.6419, 0.3057,
0.3408

 5.3036, 0.2887,
0.3693

232.0890, 0.3061,
0.3400

 2.4265, 0.2812,
0.3821

280.4399, 0.3065,

 0.8395, 0.2562,

0.3393

0.4225

335.0787, 0.3069,
0.3387

0.0000, 0.0000,
0.0000

52.5068, 0.3018,
0.3472

52.5068, 0.3018,
0.3472

50.0346, 0.2941,
0.3624

55.3477, 0.3098,
0.3336

47.9091, 0.2870,
0.3790

58.5652, 0.3178,
0.3215

46.1159, 0.2807,
0.3971


62.1751, 0.3258,
0.3107

44.6370, 0.2756,
0.4163

66.1904, 0.3336,
0.3013


43.4529, 0.2720,
0.4364


67.6663, 0.3296,
0.2917


 42.5414, 0.2701,
0.4567

 68.2777, 0.3221,
0.2819

 41.8773, 0.2703,
0.4768

 68.8699, 0.3153,
0.2732

 41.4302, 0.2724,
0.4960

 41.2233, 0.2743,
0.5076

Harmonies

Analogous

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



52.5068, 0.3186, 0.3567



52.5068, 0.3018, 0.3472



52.5068, 0.2882, 0.3326

Triad

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



52.5068, 0.3018, 0.3472



52.5068, 0.2913, 0.3009



52.5068, 0.3453, 0.3393

Complementary

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



52.5068, 0.3018, 0.3472



44.6349, 0.3253, 0.3115

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.



52.5068, 0.3377, 0.3248



52.5068, 0.3018, 0.3472



52.5068, 0.3062, 0.3031

Square

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



52.5068, 0.3018, 0.3472



52.5068, 0.2823, 0.3059



52.5068, 0.3232, 0.3118



52.5068, 0.3440, 0.3515

Rectangle

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



52.5068, 0.3018, 0.3472



52.5068, 0.2827, 0.3222



52.5068, 0.3232, 0.3118



52.5068, 0.3437, 0.3345

Sweetspot

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



52.5090, 0.3018, 0.3472



97.7807, 0.3094, 0.3341



53.6946, 0.3226, 0.3635



20.8424, 0.3088, 0.3351



0.0000, 0.0000, 0.0000



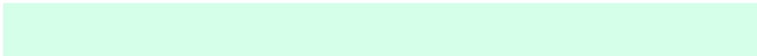
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5090, 0.3018, 0.3472



91.7785, 0.2998, 0.3510



53.0839, 0.2928, 0.3301



11.9716, 0.3052, 0.3412



26.8246, 0.2737, 0.5052



1.2848, 0.2628, 0.4659

Inverse Universe

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



44.6349, 0.3253, 0.3115



75.4725, 0.3280, 0.3080



44.1071, 0.3367, 0.3279



10.7272, 0.3210, 0.3171



8.4568, 0.4863, 0.2453



0.4150, 0.4427, 0.2213

Previews

White Background



This preview shows how the Yxy color 52.5068, 0.3018, 0.3472 looks on a white background.

Color Contrast Check

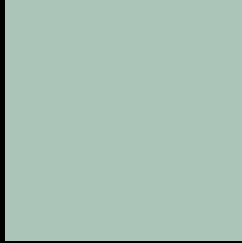
Large Text (above 18pt) WCAG AA × Fail

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 52.5068, 0.3018, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

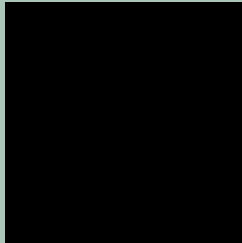
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5068, 0.3018, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 52.5068, 0.3018, 0.3472.



This preview shows how white text looks on a background with the Yxy color 52.5068, 0.3018, 0.3472.

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

52.5068, 0.3018, 0.3472

Protanopia

52.4272, 0.3261, 0.3427

Deuteranopia

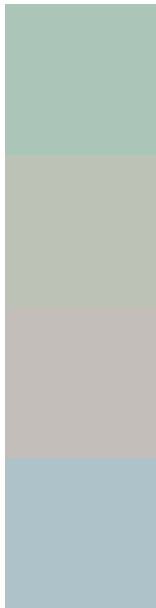
52.1347, 0.3332, 0.3267



Tritanopia

52.3507, 0.2868, 0.3089

Trichromacy



Original Color

52.5068, 0.3018, 0.3472

Protanomaly

52.6111, 0.3176, 0.3454

Deuteranomaly

52.1078, 0.3207, 0.3340

Tritanomaly

52.2459, 0.2922, 0.3213

Monochromacy



Original Color

52.5068, 0.3018, 0.3472

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2322, 0.3084, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5068, 0.3018, 0.3472 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, 198, 184)` looks like.

```
.text, #text, p{  
    color:rgb(171, 198, 184)  
}
```

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, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 198, 184) }
```

Border

The CSS property to change the border of an element to Yxy 52.5068, 0.3018, 0.3472 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, 198, 184) }
```

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

```
.border{ border-color:rgb(171, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 198, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 198, 184);  
box-shadow:4px 4px 4px 4px rgb(171, 198,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5068, 0.3018, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 198, 184) }
```

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

```
.background{ background-color: rgb(171,  
198, 184) }
```

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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