

Converting Colors

$Yxy(54.4164, 0.2992, 0.3492)$

Have a look what the booklet for
Yxy(54.4164, 0.2992, 0.3492)
contains.

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Color

Yxy(54.3750, 0.2990, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	AACABB
RGB	170, 202, 187
RGB Percent	67%, 79%, 73%
CMY	0.3333, 0.2078, 0.2668
CMYK	0.16, 0.00, 0.07, 0.21
HSL	152°, 23%, 73%
HSV	152°, 16%, 79%
XYZ	46.6651, 54.3750, 55.0305
YIQ	190.7220, -14.2570, -11.4490

Conversions

Conversions Part 2

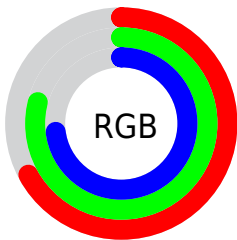
Format	Color
R _{YB}	170, 191, 202
Decimal	11193019
CIE Lab	78.68, -13.66, 3.93
CIE LCh	79, 14.211, 163.943
Yxy	54.3750, 0.2990, 0.3484
Android (android.graphics.Color)	4289383099 (0xFFAACABB)
YUV	190.7220, -1.8349, -18.1732
Hunter-Lab	73.7394, -16.0823, 7.3704

Details

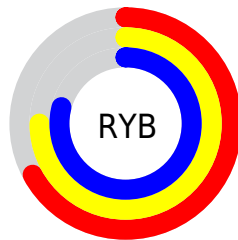
The Yxy color $54.3750, 0.2990, 0.3484$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $44.8128, 0.3290, 0.3104$, and the grayscale version is $51.9482, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.1598, 0.3018, 0.3411$, and $26.6829, 0.2946, 0.3537$ is the 20% darker color. If you saturate the color by 10%, you get $51.9030, 0.2908, 0.3624$, and if you desaturate by 10%, it is $57.2244, 0.3076, 0.3358$.

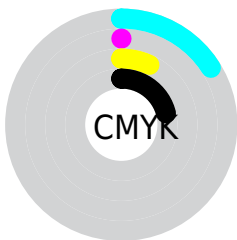
Distribution



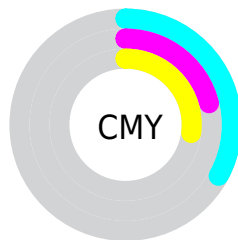
- Red (67%)
- Green (79%)
- Blue (73%)



- Red (67%)
- Yellow (75%)
- Blue (79%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)





- Cyan (33%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3750, 0.2990, 0.3484 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 54.3750, 0.2990, 0.3484 by changing the saturation by 10% instead.


 54.3750, 0.2990,
0.3484

 54.3750, 0.2990,
0.3484


403.5384, 0.3057,
0.3388

 38.9015, 0.2973,
0.3508

 96.6246, 0.3014,
0.3449

 26.6831, 0.2952,
0.3538


124.1696, 0.3023,
0.3436

 17.3354, 0.2925,
0.3578


156.5072, 0.3031,
0.3425

 10.4739, 0.2887,
0.3633

194.0218, 0.3038,
0.3416

 5.7143, 0.2831,
0.3714

237.0978, 0.3044,
0.3408

 2.6721, 0.2741,
0.3845

286.1197, 0.3049,

 0.9631, 0.2506,

0.3400

0.4161

341.4717, 0.3053,
0.3394

0.0000, 0.0000,
0.0000

54.3750, 0.2990,
0.3484

54.3750, 0.2990,
0.3484

51.9030, 0.2908,
0.3624

57.2244, 0.3076,
0.3358

49.7853, 0.2833,
0.3777

60.4595, 0.3164,
0.3245

48.0066, 0.2767,
0.3943


64.0970, 0.3251,
0.3144


46.5480, 0.2715,
0.4118


68.1506, 0.3337,
0.3056


45.3884, 0.2679,
0.4300


69.4698, 0.3299,
0.2966

 44.5043, 0.2661,
0.4485


 70.0315, 0.3230,
0.2875

 43.8684, 0.2664,
0.4667

 70.6230, 0.3162,
0.2786

 43.4468, 0.2686,
0.4843

 70.7244, 0.3151,
0.2772

 43.3076, 0.2698,
0.4914

Harmonies

Analogous

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



54.3750, 0.3177, 0.3597



54.3750, 0.2990, 0.3484



54.3750, 0.2842, 0.3316

Triad

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



54.3750, 0.2990, 0.3484



54.3750, 0.2898, 0.2973



54.3750, 0.3498, 0.3417

Complementary

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



54.3750, 0.2990, 0.3484



44.8128, 0.3290, 0.3104

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.



54.3750, 0.3419, 0.3255



54.3750, 0.2990, 0.3484



54.3750, 0.3068, 0.3005

Square

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



54.3750, 0.2990, 0.3484



54.3750, 0.2790, 0.3022



54.3750, 0.3260, 0.3107



54.3750, 0.3474, 0.3551

Rectangle

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



54.3750, 0.2990, 0.3484



54.3750, 0.2785, 0.3199



54.3750, 0.3260, 0.3107



54.3750, 0.3482, 0.3364

Sweetspot

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



54.3773, 0.2990, 0.3484



97.2816, 0.3083, 0.3348



55.5199, 0.3229, 0.3696



20.7434, 0.3077, 0.3357



0.0000, 0.0000, 0.0000



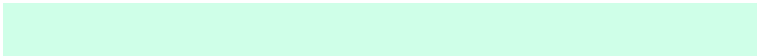
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3773, 0.2990, 0.3484



90.5600, 0.2961, 0.3530



54.8055, 0.2889, 0.3283



12.6347, 0.3045, 0.3401



27.8839, 0.2692, 0.4891



1.4538, 0.2597, 0.4550

Inverse Universe

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



44.8128, 0.3290, 0.3104



71.3428, 0.3332, 0.3062



44.4110, 0.3422, 0.3298



11.3000, 0.3218, 0.3182



8.6285, 0.5069, 0.2566



0.4604, 0.4612, 0.2314

Previews

White Background



This preview shows how the Yxy color 54.3750, 0.2990, 0.3484 looks on a white background.

Color Contrast Check

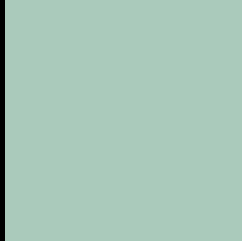
Large Text (above 18pt) WCAG AA × Fail

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 54.3750, 0.2990, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

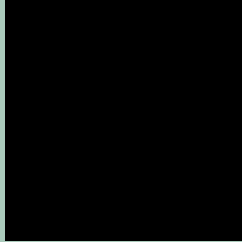
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

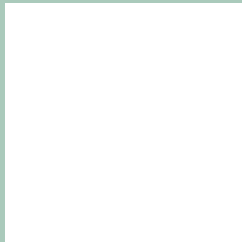
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3750, 0.2990, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 54.3750, 0.2990, 0.3484.



This preview shows how white text looks on a background with the Yxy color 54.3750, 0.2990, 0.3484.

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

54.3750, 0.2990, 0.3484

Protanopia

54.3785, 0.3275, 0.3437

Deuteranopia

54.1312, 0.3338, 0.3267



Tritanopia

54.3572, 0.2844, 0.3091

Trichromacy



Original Color

54.3750, 0.2990, 0.3484

Protanomaly

54.3403, 0.3167, 0.3452

Deuteranomaly

53.9562, 0.3206, 0.3339

Tritanomaly

54.0907, 0.2896, 0.3226

Monochromacy



Original Color

54.3750, 0.2990, 0.3484

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.8152, 0.3069, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3750, 0.2990, 0.3484 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(170, 202, 187)` looks like.

```
.text, #text, p{  
    color:rgb(170, 202, 187)  
}
```

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(170, 202, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 202, 187) }
```

Border

The CSS property to change the border of an element to Yxy 54.3750, 0.2990, 0.3484 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(170, 202, 187) }
```

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

```
.border{ border-color:rgb(170, 202, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 202, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 202, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 202, 187);  
box-shadow:4px 4px 4px 4px rgb(170, 202,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3750, 0.2990, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 202, 187) }
```

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

```
.background{ background-color: rgb(170,  
202, 187) }
```

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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