

Converting Colors

$Yxy(50.7601, 0.2958, 0.3300)$

Have a look what the booklet for
Yxy(50.7601, 0.2958, 0.3300)
contains.

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Color

Yxy(50.6036, 0.2962, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	ABC1C0
RGB	171, 193, 192
RGB Percent	67%, 76%, 75%
CMY	0.3293, 0.2431, 0.2472
CMYK	0.11, 0.00, 0.01, 0.24
HSL	177°, 15%, 71%
HSV	177°, 11%, 76%
XYZ	45.3793, 50.6036, 57.2221
YIQ	186.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

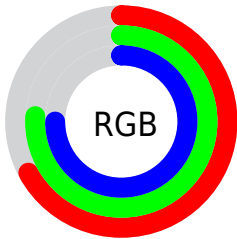
Format	Color
RYB	171, 182, 193
Decimal	11256256
CIELab	76.44, -7.65, -2.02
CIELCh	76, 7.914, 194.800
Yxy	50.6036, 0.2962, 0.3303
Android (android.graphics.Color)	4289446336 (0xFFABC1C0)
YUV	186.3080, 2.8062, -13.4251
Hunter-Lab	71.1362, -10.6194, 2.1024

Details

The Yxy color **50.6036, 0.2962, 0.3303** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4542, 0.3319, 0.3277**, and the grayscale version is **49.2759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6974, 0.2990, 0.3300**, and **24.2513, 0.2916, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **48.5535, 0.2826, 0.3316**, and if you desaturate by 10%, it is **52.9747, 0.3107, 0.3292**.

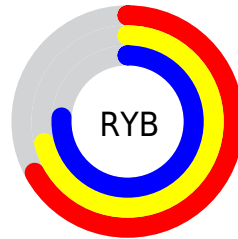
Distribution



Red (67%)

Green (76%)

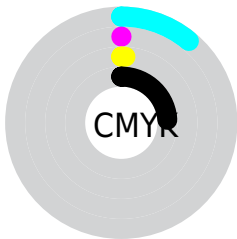
Blue (75%)



Red (67%)

Yellow (71%)

Blue (76%)

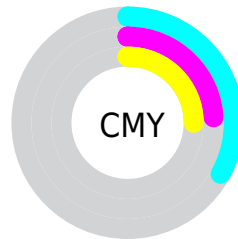


Cyan (11%)

Magenta (0%)

Yellow (1%)

Black (24%)



Cyan (33%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6036, 0.2962, 0.3303 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 50.6036, 0.2962, 0.3303 by changing the saturation by 10% instead.

■ 50.6036, 0.2962,
0.3303

■ 50.6036, 0.2962,
0.3303

389.0217, 0.3043,
0.3297

■ 35.8932, 0.2942,
0.3304

■ 91.0686, 0.2991,
0.3301

■ 24.3518, 0.2917,
0.3306

117.5919, 0.3002,
0.3300

■ 15.5948, 0.2884,
0.3308

148.8218, 0.3012,
0.3299

■ 9.2379, 0.2838,
0.3310

185.1425, 0.3020,
0.3299

■ 4.8966, 0.2771,
0.3314

226.9384, 0.3027,
0.3298

■ 2.1867, 0.2664,
0.3318

274.5940, 0.3033,

■ 0.7128, 0.2314,

0.3298

0.3361

328.4937, 0.3038,
0.3297

0.0000, 0.0000,
0.0000

50.6036, 0.2962,
0.3303

50.6036, 0.2962,
0.3303

48.5535, 0.2826,
0.3316

52.9747, 0.3107,
0.3292

46.8043, 0.2700,
0.3329

55.6732, 0.3257,
0.3281

45.3436, 0.2589,
0.3343

58.7134, 0.3409,
0.3272

44.1554, 0.2493,
0.3358

62.1067, 0.3562,
0.3264

43.2224, 0.2416,
0.3374

63.4105, 0.3610,
0.3255

■ 42.5251, 0.2357,
0.3389

■ 63.4524, 0.3603,
0.3245

■ 42.0414, 0.2317,
0.3405

■ 63.4945, 0.3595,
0.3236

■ 41.7448, 0.2295,
0.3420

■ 63.5369, 0.3588,
0.3226

■ 41.5960, 0.2287,
0.3433

■ 63.5795, 0.3580,
0.3217

Harmonies

Analogous

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



50.6036, 0.3047, 0.3397



50.6036, 0.2962, 0.3303



50.6036, 0.2921, 0.3207

Triad

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



50.6036, 0.2962, 0.3303



50.6036, 0.3098, 0.3126



50.6036, 0.3323, 0.3442

Complementary

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



50.6036, 0.2962, 0.3303



43.4542, 0.3319, 0.3277

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.



50.6036, 0.3338, 0.3367



50.6036, 0.2962, 0.3303



50.6036, 0.3206, 0.3187

Square

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



50.6036, 0.2962, 0.3303



50.6036, 0.2999, 0.3107



50.6036, 0.3295, 0.3274



50.6036, 0.3255, 0.3478

Rectangle

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



50.6036, 0.2962, 0.3303



50.6036, 0.2924, 0.3156



50.6036, 0.3295, 0.3274



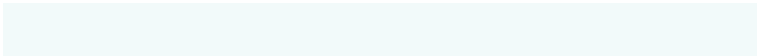
50.6036, 0.3334, 0.3421

Sweetspot

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



50.6057, 0.2962, 0.3303



94.1313, 0.3082, 0.3293



49.8668, 0.3122, 0.3582



20.1176, 0.3070, 0.3294



97.7402, 0.3127, 0.3290



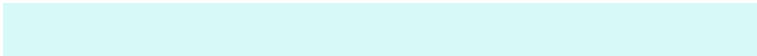
20.4902, 0.3127, 0.3290

Same Dimension

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



50.6057, 0.2962, 0.3303



89.5356, 0.2922, 0.3306



46.4246, 0.2953, 0.3160



11.4200, 0.2991, 0.3301



27.6690, 0.2287, 0.3431



1.1981, 0.2277, 0.3397

Inverse Universe

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



43.4542, 0.3319, 0.3277



73.8500, 0.3375, 0.3274



47.2921, 0.3313, 0.3417



10.0854, 0.3282, 0.3279



7.5574, 0.6342, 0.3267



0.3293, 0.6132, 0.3152

Previews

White Background



This preview shows how the Yxy color 50.6036, 0.2962, 0.3303 looks on a white background.

Color Contrast Check

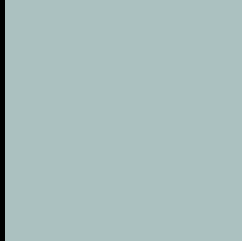
Large Text (above 18pt) WCAG AA × Fail

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 50.6036, 0.2962, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

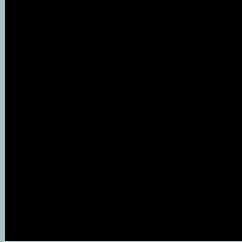
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

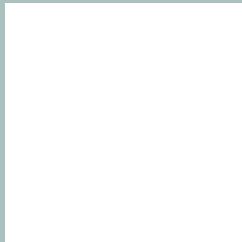
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6036, 0.2962, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 50.6036, 0.2962, 0.3303.

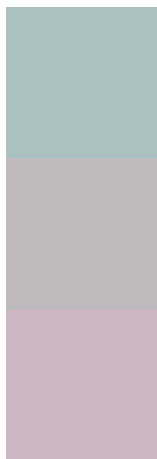


This preview shows how white text looks on a background with the Yxy color 50.6036, 0.2962, 0.3303.

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

50.6036, 0.2962, 0.3303

Protanopia

50.2911, 0.3145, 0.3265

Deuteranopia

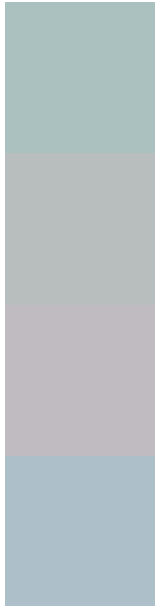
50.5994, 0.3218, 0.3157



Tritanopia

50.7165, 0.2886, 0.3099

Trichromacy



Original Color

50.6036, 0.2962, 0.3303

Protanomaly

50.3032, 0.3079, 0.3277

Deuteranomaly

50.5974, 0.3122, 0.3215

Tritanomaly

50.8006, 0.2914, 0.3174

Monochromacy



Original Color

50.6036, 0.2962, 0.3303

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.8498, 0.3070, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6036, 0.2962, 0.3303 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, 193, 192)` looks like.

```
.text, #text, p{  
    color:rgb(171, 193, 192)  
}
```

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, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 193, 192) }
```

Border

The CSS property to change the border of an element to Yxy 50.6036, 0.2962, 0.3303 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, 193, 192) }
```

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

```
.border{ border-color:rgb(171, 193, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 193, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(171, 193,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6036, 0.2962, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 193, 192) }
```

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

```
.background{ background-color: rgb(171,  
193, 192) }
```

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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