

Converting Colors

$Y_{xy}(50.0153, 0.3020, 0.3273)$

Have a look what the booklet for
Yxy(50.0153, 0.3020, 0.3273)
contains.

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Color

$\text{Yxy}(50.0535, 0.3023, 0.3277)$

Conversions

Conversions Part 1

Format	Color
Hex	B2BEBF
RGB	178, 190, 191
RGB Percent	70%, 75%, 75%
CMY	0.3020, 0.2549, 0.2510
CMYK	0.07, 0.01, 0.00, 0.25
HSL	185°, 9%, 72%
HSV	185°, 7%, 75%
XYZ	46.1739, 50.0535, 56.5145
YIQ	186.5260, -7.4730, -2.2330

Conversions

Conversions Part 2

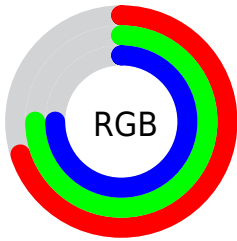
Format	Color
RYB	178, 184, 191
Decimal	11714239
CIELab	76.10, -3.93, -1.93
CIElCh	76, 4.384, 206.167
Yxy	50.0535, 0.3023, 0.3277
Android (android.graphics.Color)	4289904319 (0xFFB2BEBF)
YUV	186.5260, 2.2057, -7.4773
Hunter-Lab	70.7485, -7.3122, 2.1626

Details

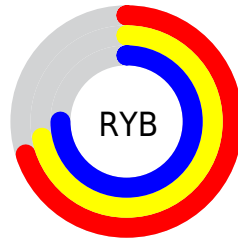
The Yxy color **50.0535, 0.3023, 0.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5170, 0.3240, 0.3303**, and the grayscale version is **49.4033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1194, 0.3045, 0.3280**, and **24.0863, 0.2987, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **47.3282, 0.2875, 0.3257**, and if you desaturate by 10%, it is **53.1038, 0.3177, 0.3296**.

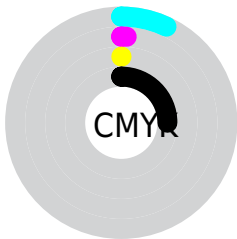
Distribution



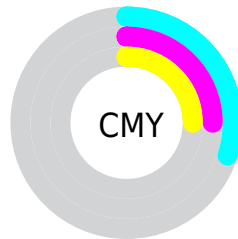
- Red (70%)
- Green (75%)
- Blue (75%)



- Red (70%)
- Yellow (72%)
- Blue (75%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (30%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0535, 0.3023, 0.3277 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 50.0535, 0.3023, 0.3277 by changing the saturation by 10% instead.

■ 50.0535, 0.3023,
0.3277

■ 50.0535, 0.3023,
0.3277

386.8751, 0.3074,
0.3284

■ 35.4559, 0.3010,
0.3275

■ 90.2541, 0.3042,
0.3279

■ 24.0143, 0.2994,
0.3273

116.6260, 0.3049,
0.3280

■ 15.3442, 0.2973,
0.3270

147.6914, 0.3054,
0.3281

■ 9.0613, 0.2944,
0.3266

183.8347, 0.3060,
0.3282

■ 4.7812, 0.2901,
0.3259

225.4403, 0.3064,
0.3282

■ 2.1195, 0.2831,
0.3248

272.8927, 0.3068,

■ 0.6755, 0.2610,

0.3283

0.3229

326.5761, 0.3071,
0.3283

0.0000, 0.0000,
0.0000

50.0535, 0.3023,
0.3277

50.0535, 0.3023,
0.3277

47.3282, 0.2875,
0.3257

53.1038, 0.3177,
0.3296

44.9086, 0.2735,
0.3235

56.4850, 0.3333,
0.3313

42.7829, 0.2607,
0.3211

60.2107, 0.3489,
0.3328

40.9364, 0.2493,
0.3187

64.2918, 0.3644,
0.3342

39.3527, 0.2395,
0.3161

65.0638, 0.3645,
0.3356

■ 38.0138, 0.2315,
0.3136

■ 65.7248, 0.3642,
0.3371

■ 36.8996, 0.2255,
0.3110

■ 66.3922, 0.3638,
0.3386

■ 35.9864, 0.2213,
0.3084

■ 67.0660, 0.3634,
0.3401

■ 35.2422, 0.2187,
0.3059

■ 67.7460, 0.3631,
0.3416

Harmonies

Analogous

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



50.0535, 0.3062, 0.3331



50.0535, 0.3023, 0.3277



50.0535, 0.3011, 0.3227

Triad

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



50.0535, 0.3023, 0.3277



50.0535, 0.3134, 0.3209



50.0535, 0.3225, 0.3385

Complementary

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



50.0535, 0.3023, 0.3277



46.5170, 0.3240, 0.3303

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.



50.0535, 0.3245, 0.3351



50.0535, 0.3023, 0.3277



50.0535, 0.3192, 0.3250

Square

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



50.0535, 0.3023, 0.3277



50.0535, 0.3075, 0.3189



50.0535, 0.3233, 0.3302



50.0535, 0.3179, 0.3394

Rectangle

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



50.0535, 0.3023, 0.3277



50.0535, 0.3021, 0.3203



50.0535, 0.3233, 0.3302



50.0535, 0.3235, 0.3377

Sweetspot

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



50.0556, 0.3023, 0.3277



92.1921, 0.3096, 0.3286



49.9712, 0.3113, 0.3448



20.2567, 0.3097, 0.3286



97.7402, 0.3127, 0.3290



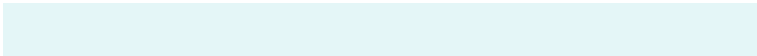
20.4902, 0.3127, 0.3290

Same Dimension

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



50.0556, 0.3023, 0.3277



88.9807, 0.3003, 0.3274



47.3484, 0.3024, 0.3194



10.6825, 0.2985, 0.3272



23.0692, 0.2182, 0.3055



0.9408, 0.2199, 0.3115

Inverse Universe

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



46.6279, 0.3143, 0.3138



81.7287, 0.3146, 0.3108



49.1368, 0.3233, 0.3384



9.6835, 0.3149, 0.3081



9.3585, 0.3406, 0.1650



0.3703, 0.3354, 0.1621

Previews

White Background



This preview shows how the Yxy color 50.0535, 0.3023, 0.3277 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 50.0535, 0.3023, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

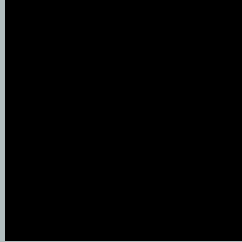
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

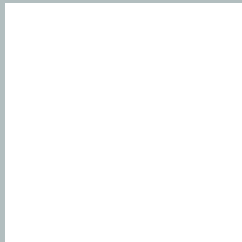
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0535, 0.3023, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 50.0535, 0.3023, 0.3277.



This preview shows how white text looks on a background with the Yxy color 50.0535, 0.3023, 0.3277.

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

50.0535, 0.3023, 0.3277

Protanopia

49.7391, 0.3137, 0.3252

Deuteranopia

50.0027, 0.3219, 0.3157



Tritanopia

49.9815, 0.2952, 0.3100

Trichromacy



Original Color

50.0535, 0.3023, 0.3277

Protanomaly

49.6975, 0.3096, 0.3252

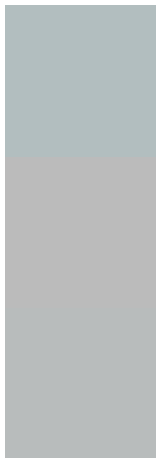
Deuteranomaly

49.9730, 0.3148, 0.3203

Tritanomaly

50.1024, 0.2973, 0.3163

Monochromacy



Original Color

50.0535, 0.3023, 0.3277

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7876, 0.3094, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0535, 0.3023, 0.3277 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(178, 190, 191)` looks like.

```
.text, #text, p{  
    color:rgb(178, 190, 191)  
}
```

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(178, 190, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 190, 191) }
```

Border

The CSS property to change the border of an element to Yxy 50.0535, 0.3023, 0.3277 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(178, 190, 191) }
```

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

```
.border{ border-color:rgb(178, 190, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 190, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 190, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 190, 191);  
box-shadow:4px 4px 4px 4px rgb(178, 190,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0535, 0.3023, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 190, 191) }
```

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

```
.background{ background-color: rgb(178,  
190, 191) }
```

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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