

Converting Colors

Yxy(50.4540, 0.3066, 0.3346)

Have a look what the booklet for
Yxy(50.4540, 0.3066, 0.3346)
contains.

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Color

Yxy(50.4332, 0.3060, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	B3BFBB
RGB	179, 191, 187
RGB Percent	70%, 75%, 73%
CMY	0.2981, 0.2510, 0.2666
CMYK	0.06, 0.00, 0.02, 0.25
HSL	160°, 9%, 73%
HSV	160°, 6%, 75%
XYZ	46.1914, 50.4332, 54.3278
YIQ	186.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

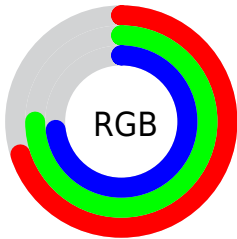
Format	Color
RYB	179, 186, 191
Decimal	11780027
CIELab	76.33, -4.89, 0.57
CIElCh	76, 4.919, 173.372
Yxy	50.4332, 0.3060, 0.3341
Android (android.graphics.Color)	4289970107 (0xFFB3BFBB)
YUV	186.9560, 0.0217, -6.9774
Hunter-Lab	71.0163, -8.1761, 4.3544

Details

The Yxy color **50.4332, 0.3060, 0.3341** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7317, 0.3199, 0.3240**, and the grayscale version is **49.6715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6548, 0.3075, 0.3330**, and **24.3338, 0.3037, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **48.0499, 0.2956, 0.3429**, and if you desaturate by 10%, it is **53.1479, 0.3167, 0.3262**.

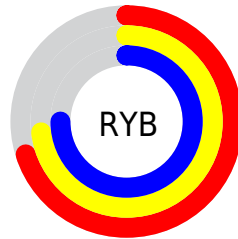
Distribution



Red (70%)

Green (75%)

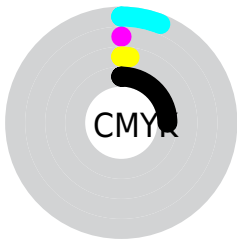
Blue (73%)



Red (70%)

Yellow (73%)

Blue (75%)

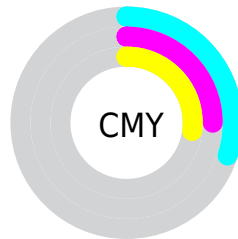


Cyan (6%)

Magenta (0%)

Yellow (2%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4332, 0.3060, 0.3341 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 50.4332, 0.3060, 0.3341 by changing the saturation by 10% instead.

■ 50.4332, 0.3060,
0.3341

■ 50.4332, 0.3060,
0.3341

388.3576, 0.3093,
0.3316

■ 35.7577, 0.3052,
0.3347

■ 90.8164, 0.3072,
0.3332

■ 24.2471, 0.3041,
0.3355

117.2929, 0.3077,
0.3329

■ 15.5171, 0.3028,
0.3366

148.4719, 0.3080,
0.3326

■ 9.1831, 0.3008,
0.3380

184.7377, 0.3084,
0.3323

■ 4.8608, 0.2980,
0.3402

226.4748, 0.3087,
0.3321

■ 2.1658, 0.2935,
0.3437

274.0676, 0.3089,

■ 0.7013, 0.2775,

0.3319

0.3555

327.9004, 0.3091,
0.3317

0.0000, 0.0000,
0.0000

50.4332, 0.3060,
0.3341

50.4332, 0.3060,
0.3341

48.0499, 0.2956,
0.3429

53.1479, 0.3167,
0.3262

45.9787, 0.2858,
0.3526

56.2000, 0.3275,
0.3191

44.2076, 0.2768,
0.3632

59.6031, 0.3383,
0.3128

42.7218, 0.2689,
0.3745

63.2936, 0.3485,
0.3072

41.5049, 0.2625,
0.3864

63.6199, 0.3434,
0.3009

■ 40.5389, 0.2578,
0.3988

■ 63.9587, 0.3383,
0.2946

■ 39.8036, 0.2550,
0.4115

■ 64.3104, 0.3334,
0.2884

■ 39.2753, 0.2542,
0.4241

■ 64.6749, 0.3285,
0.2824

■ 38.9236, 0.2553,
0.4366

■ 65.0526, 0.3238,
0.2764

Harmonies

Analogous

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



50.4332, 0.3125, 0.3387



50.4332, 0.3060, 0.3341



50.4332, 0.3014, 0.3281

Triad

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



50.4332, 0.3060, 0.3341



50.4332, 0.3063, 0.3176



50.4332, 0.3259, 0.3354

Complementary

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



50.4332, 0.3060, 0.3341



46.7317, 0.3199, 0.3240

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.



50.4332, 0.3242, 0.3298



50.4332, 0.3060, 0.3341



50.4332, 0.3129, 0.3196

Square

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



50.4332, 0.3060, 0.3341



50.4332, 0.3015, 0.3186



50.4332, 0.3194, 0.3240



50.4332, 0.3240, 0.3394

Rectangle

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



50.4332, 0.3060, 0.3341



50.4332, 0.2999, 0.3242



50.4332, 0.3194, 0.3240



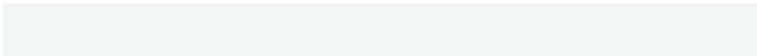
50.4332, 0.3257, 0.3336

Sweetspot

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



50.4353, 0.3060, 0.3341



92.3206, 0.3105, 0.3306



50.5848, 0.3153, 0.3445



20.2835, 0.3106, 0.3305



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.



50.4353, 0.3060, 0.3341



89.4970, 0.3041, 0.3357



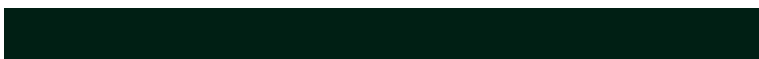
49.7408, 0.3031, 0.3264



10.7543, 0.3028, 0.3367



25.5231, 0.2554, 0.4396



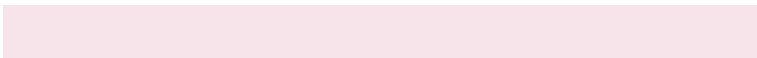
1.0114, 0.2472, 0.4098

Inverse Universe

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



46.7317, 0.3199, 0.3240



81.0311, 0.3222, 0.3224



47.3767, 0.3230, 0.3316



9.5871, 0.3238, 0.3214



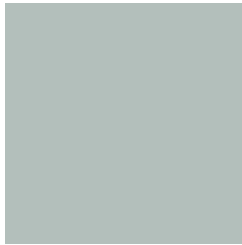
7.5304, 0.5619, 0.2869



0.3073, 0.4931, 0.2490

Previews

White Background



This preview shows how the Yxy color 50.4332, 0.3060, 0.3341 looks on a white background.

Color Contrast Check

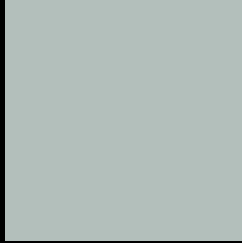
Large Text (above 18pt) WCAG AA × Fail

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 50.4332, 0.3060, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

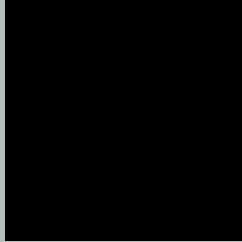
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

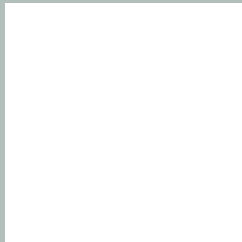
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4332, 0.3060, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 50.4332, 0.3060, 0.3341.



This preview shows how white text looks on a background with the Yxy color 50.4332, 0.3060, 0.3341.

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

50.4332, 0.3060, 0.3341

Protanopia

50.2499, 0.3184, 0.3315

Deuteranopia

50.2518, 0.3277, 0.3206



Tritanopia

50.2233, 0.2967, 0.3101

Trichromacy



Original Color

50.4332, 0.3060, 0.3341

Protanomaly

50.0764, 0.3134, 0.3315

Deuteranomaly

50.0645, 0.3196, 0.3253

Tritanomaly

50.2502, 0.3003, 0.3188

Monochromacy



Original Color

50.4332, 0.3060, 0.3341

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7446, 0.3102, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4332, 0.3060, 0.3341 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(179, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(179, 191, 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(179, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 191, 187) }
```

Border

The CSS property to change the border of an element to Yxy 50.4332, 0.3060, 0.3341 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(179, 191, 187) }
```

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

```
.border{ border-color:rgb(179, 191, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 191, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 191, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 191, 187);  
box-shadow:4px 4px 4px 4px rgb(179, 191,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4332, 0.3060, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 191, 187) }
```

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

```
.background{ background-color: rgb(179,  
191, 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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