

Converting Colors

$Yxy(48.6026, 0.3093, 0.3303)$

Have a look what the booklet for
Yxy(48.6026, 0.3093, 0.3303)
contains.

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Color

Yxy(48.4444, 0.3093, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	B5BAB9
RGB	181, 186, 185
RGB Percent	71%, 73%, 73%
CMY	0.2904, 0.2705, 0.2745
CMYK	0.03, 0.00, 0.01, 0.27
HSL	168°, 4%, 72%
HSV	168°, 3%, 73%
XYZ	45.3644, 48.4444, 52.8591
YIQ	184.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

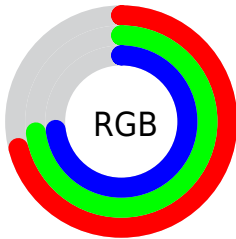
Format	Color
RYB	181, 184, 186
Decimal	11909817
CIELab	75.10, -1.94, -0.11
CIElCh	75, 1.947, 183.252
Yxy	48.4444, 0.3093, 0.3303
Android (android.graphics.Color)	4290099897 (0xFFB5BAB9)
YUV	184.3910, 0.3002, -2.9739
Hunter-Lab	69.6020, -5.4629, 3.6937

Details

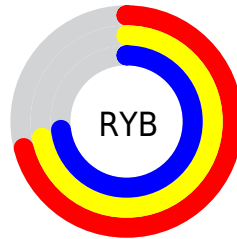
The Yxy color **48.4444, 0.3093, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.8479, 0.3162, 0.3277**, and the grayscale version is **48.1574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8597, 0.3101, 0.3300**, and **23.0302, 0.3081, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **46.1910, 0.2970, 0.3354**, and if you desaturate by 10%, it is **51.0063, 0.3220, 0.3257**.

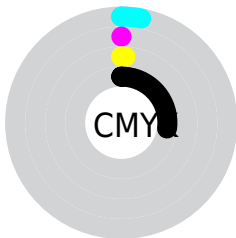
Distribution



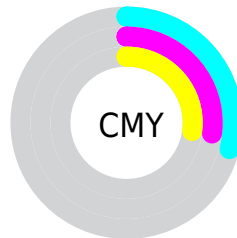
- Red (71%)
- Green (73%)
- Blue (73%)



- Red (71%)
- Yellow (72%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4444, 0.3093, 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 48.4444, 0.3093, 0.3303 by changing the saturation by 10% instead.

■ 48.4444, 0.3093,
0.3303

■ 48.4444, 0.3093,
0.3303

380.5509, 0.3110,
0.3297

■ 34.1789, 0.3089,
0.3305

■ 87.8657, 0.3099,
0.3301

■ 23.0311, 0.3083,
0.3307

113.7903, 0.3101,
0.3300

■ 14.6165, 0.3076,
0.3309

144.3702, 0.3103,
0.3299

■ 8.5507, 0.3066,
0.3313

179.9896, 0.3105,
0.3298

■ 4.4493, 0.3051,
0.3318

221.0330, 0.3107,
0.3298

■ 1.9279, 0.3027,
0.3327

267.8847, 0.3108,

■ 0.5651, 0.2918,

0.3297

0.3368

320.9292, 0.3109,
0.3297

0.0000, 0.0000,
0.0000

48.4444, 0.3093,
0.3303

48.4444, 0.3093,
0.3303

46.1910, 0.2970,
0.3354

51.0063, 0.3220,
0.3257

44.2280, 0.2854,
0.3410

53.8816, 0.3348,
0.3216

42.5449, 0.2746,
0.3470

57.0831, 0.3475,
0.3179

41.1282, 0.2650,
0.3535

60.5518, 0.3597,
0.3147

39.9630, 0.2569,
0.3603

60.7283, 0.3566,
0.3109

■ 39.0334, 0.2505,
0.3674

■ 60.9091, 0.3535,
0.3071

■ 38.3213, 0.2460,
0.3746

■ 61.0943, 0.3503,
0.3033

■ 37.8060, 0.2433,
0.3819

■ 61.2838, 0.3472,
0.2995

■ 37.4627, 0.2426,
0.3891

■ 61.4777, 0.3442,
0.2958

Harmonies

Analogous

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



48.4444, 0.3117, 0.3324



48.4444, 0.3093, 0.3303



48.4444, 0.3078, 0.3279

Triad

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



48.4444, 0.3093, 0.3303



48.4444, 0.3110, 0.3245



48.4444, 0.3179, 0.3322

Complementary

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



48.4444, 0.3093, 0.3303



46.8479, 0.3162, 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.



48.4444, 0.3177, 0.3301



48.4444, 0.3093, 0.3303



48.4444, 0.3137, 0.3257

Square

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



48.4444, 0.3093, 0.3303



48.4444, 0.3088, 0.3246



48.4444, 0.3162, 0.3277



48.4444, 0.3167, 0.3335

Rectangle

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



48.4444, 0.3093, 0.3303



48.4444, 0.3075, 0.3264



48.4444, 0.3162, 0.3277



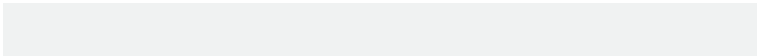
48.4444, 0.3180, 0.3316

Sweetspot

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



48.4465, 0.3093, 0.3303



88.5449, 0.3114, 0.3295



48.4111, 0.3133, 0.3356



19.5042, 0.3115, 0.3295



95.5105, 0.3127, 0.3290



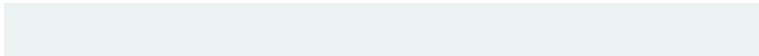
19.5994, 0.3127, 0.3290

Same Dimension

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



48.4465, 0.3093, 0.3303



87.6508, 0.3089, 0.3305



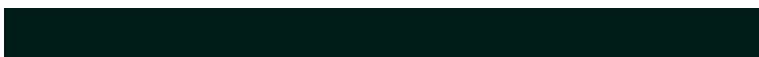
47.8884, 0.3086, 0.3271



10.4571, 0.3080, 0.3308



25.0902, 0.2426, 0.3934



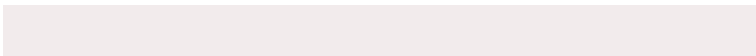
0.8925, 0.2375, 0.3748

Inverse Universe

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



46.8479, 0.3162, 0.3277



84.4099, 0.3167, 0.3275



47.3920, 0.3169, 0.3309



9.9845, 0.3176, 0.3272



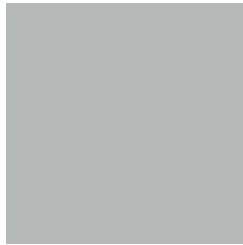
7.1231, 0.6045, 0.3104



0.2599, 0.5347, 0.2719

Previews

White Background



This preview shows how the Yxy color 48.4444, 0.3093, 0.3303 looks on a white background.

Color Contrast Check

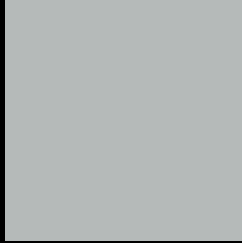
Large Text (above 18pt) WCAG AA × Fail

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 48.4444, 0.3093, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

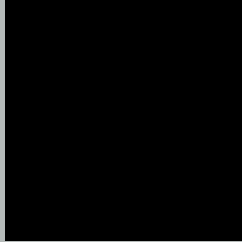
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

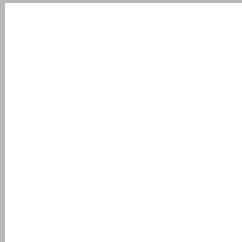
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4444, 0.3093, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 48.4444, 0.3093, 0.3303.



This preview shows how white text looks on a background with the Yxy color 48.4444, 0.3093, 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

48.4444, 0.3093, 0.3303

Protanopia

48.4330, 0.3161, 0.3290

Deuteranopia

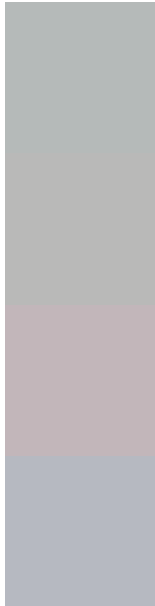
48.3419, 0.3270, 0.3204



Tritanopia

48.4255, 0.3012, 0.3112

Trichromacy



Original Color

48.4444, 0.3093, 0.3303

Protanomaly

48.4729, 0.3135, 0.3303

Deuteranomaly

48.4704, 0.3198, 0.3240

Tritanomaly

48.4933, 0.3041, 0.3188

Monochromacy



Original Color

48.4444, 0.3093, 0.3303

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.2259, 0.3118, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4444, 0.3093, 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(181, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 186, 185)  
}
```

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(181, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 186, 185) }
```

Border

The CSS property to change the border of an element to Yxy 48.4444, 0.3093, 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(181, 186, 185) }
```

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

```
.border{ border-color:rgb(181, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 186,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4444, 0.3093, 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(181, 186, 185) }
```

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

```
.background{ background-color: rgb(181,  
186, 185) }
```

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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