

Converting Colors

$Yxy(48.6057, 0.3129, 0.3434)$

Have a look what the booklet for
Yxy(48.6057, 0.3129, 0.3434)
contains.

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Color

Yxy(48.6057, 0.3129, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	B2BCB1
RGB	178, 188, 177
RGB Percent	70%, 74%, 69%
CMY	0.3018, 0.2628, 0.3058
CMYK	0.05, 0.00, 0.06, 0.26
HSL	114°, 8%, 72%
HSV	114°, 6%, 74%
XYZ	44.2887, 48.6057, 48.6482
YIQ	183.7560, -2.4290, -5.5410

Conversions

Conversions Part 2

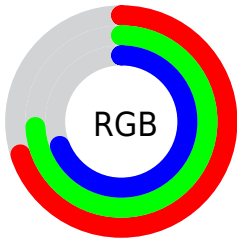
Format	Color
RYB	177, 188, 187
Decimal	11713713
CIELab	75.21, -5.49, 4.35
CIElCh	75, 7.009, 141.600
Yxy	48.6057, 0.3129, 0.3434
Android (android.graphics.Color)	4289903793 (0xFFB2BCB1)
YUV	183.7560, -3.3307, -5.0480
Hunter-Lab	69.7178, -8.6129, 7.4307

Details

The Yxy color **48.6057, 0.3129, 0.3434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6378, 0.3125, 0.3149**, and the grayscale version is **47.8163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0770, 0.3128, 0.3402**, and **23.1432, 0.3129, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **46.0184, 0.3131, 0.3706**, and if you desaturate by 10%, it is **51.5502, 0.3126, 0.3194**.

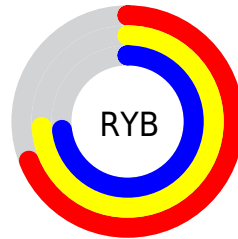
Distribution



Red (70%)

Green (74%)

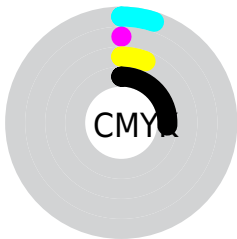
Blue (69%)



Red (69%)

Yellow (74%)

Blue (73%)

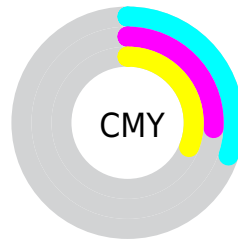


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (26%)



Cyan (30%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6057, 0.3129, 0.3434 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 48.6057, 0.3129, 0.3434 by changing the saturation by 10% instead.

 48.6057, 0.3129,
0.3434

 48.6057, 0.3129,
0.3434


381.1880, 0.3128,
0.3362

 34.3068, 0.3129,
0.3452


 88.1055, 0.3129,
0.3408

 23.1294, 0.3129,
0.3475


114.0753, 0.3129,
0.3398

 14.6891, 0.3129,
0.3506


144.7041, 0.3129,
0.3390

 8.6015, 0.3129,
0.3550

180.3764, 0.3129,
0.3382

 4.4822, 0.3128,
0.3616

221.4765, 0.3129,
0.3376

 1.9468, 0.3125,
0.3726

268.3889, 0.3129,

 0.5763, 0.3150,

0.3371

0.4389

321.4979, 0.3129,
0.3366

0.0000, 0.0000,
0.0000

48.6057, 0.3129,
0.3434

48.6057, 0.3129,
0.3434

46.0184, 0.3131,
0.3706

51.5502, 0.3126,
0.3194

43.7688, 0.3130,
0.4009

54.8582, 0.3121,
0.2984

41.8448, 0.3127,
0.4338

58.5438, 0.3116,
0.2802

40.2313, 0.3120,
0.4683

62.6184, 0.3111,
0.2645

38.9119, 0.3108,
0.5028

64.4418, 0.3158,
0.2634

■ 37.8687, 0.3092,
0.5349

■ 37.0821, 0.3072,
0.5622

■ 36.5296, 0.3050,
0.5825

■ 36.1843, 0.3028,
0.5947

Harmonies

Analogous

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



48.6057, 0.3224, 0.3459



48.6057, 0.3129, 0.3434



48.6057, 0.3035, 0.3368

Triad

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



48.6057, 0.3129, 0.3434



48.6057, 0.2963, 0.3142



48.6057, 0.3290, 0.3295

Complementary

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



48.6057, 0.3129, 0.3434



45.6378, 0.3125, 0.3149

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.



48.6057, 0.3219, 0.3213



48.6057, 0.3129, 0.3434



48.6057, 0.3030, 0.3126

Square

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



48.6057, 0.3129, 0.3434



48.6057, 0.2940, 0.3199



48.6057, 0.3123, 0.3152



48.6057, 0.3318, 0.3377

Rectangle

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



48.6057, 0.3129, 0.3434



48.6057, 0.2985, 0.3311



48.6057, 0.3123, 0.3152



48.6057, 0.3271, 0.3267

Sweetspot

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



48.6078, 0.3129, 0.3434



90.0591, 0.3128, 0.3339



49.3594, 0.3213, 0.3417



19.3786, 0.3128, 0.3336



95.5105, 0.3127, 0.3290



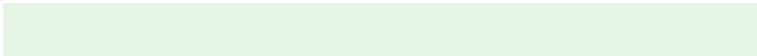
19.5994, 0.3127, 0.3290

Same Dimension

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



48.6078, 0.3129, 0.3434



87.4720, 0.3129, 0.3467



48.6631, 0.3087, 0.3376



10.8039, 0.3129, 0.3477



24.5892, 0.3025, 0.5980



0.9779, 0.3116, 0.5908

Inverse Universe

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



45.6378, 0.3125, 0.3149



80.9686, 0.3124, 0.3118



45.5829, 0.3169, 0.3205



9.9592, 0.3124, 0.3109



8.3225, 0.2975, 0.1412



0.3395, 0.3034, 0.1445

Previews

White Background



This preview shows how the Yxy color 48.6057, 0.3129, 0.3434 looks on a white background.

Color Contrast Check

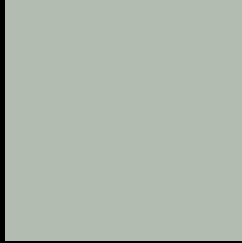
Large Text (above 18pt) WCAG AA × Fail

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 48.6057, 0.3129, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

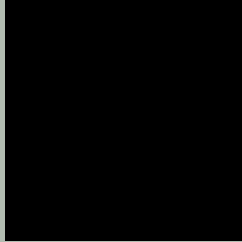
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

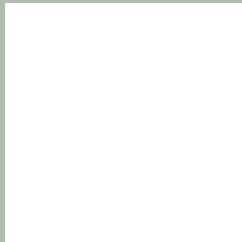
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6057, 0.3129, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 48.6057, 0.3129, 0.3434.



This preview shows how white text looks on a background with the Yxy color 48.6057, 0.3129, 0.3434.

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

48.6057, 0.3129, 0.3434

Protanopia

48.4525, 0.3259, 0.3405

Deuteranopia

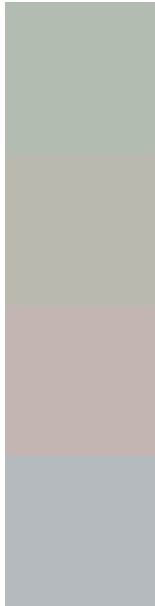
48.4740, 0.3356, 0.3291



Tritanopia

48.7665, 0.2996, 0.3112

Trichromacy



Original Color

48.6057, 0.3129, 0.3434

Protanomaly

48.2716, 0.3206, 0.3407

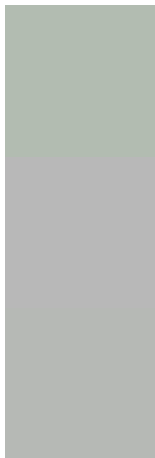
Deuteranomaly

48.2724, 0.3272, 0.3341

Tritanomaly

48.7032, 0.3048, 0.3226

Monochromacy



Original Color

48.6057, 0.3129, 0.3434

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9792, 0.3133, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6057, 0.3129, 0.3434 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, 188, 177)` looks like.

```
.text, #text, p{  
    color:rgb(178, 188, 177)  
}
```

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, 188, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 188, 177) }
```

Border

The CSS property to change the border of an element to Yxy 48.6057, 0.3129, 0.3434 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, 188, 177) }
```

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

```
.border{ border-color:rgb(178, 188, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 188, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 188, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 188, 177);  
box-shadow:4px 4px 4px 4px rgb(178, 188,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6057, 0.3129, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 188, 177) }
```

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

```
.background{ background-color: rgb(178,  
188, 177) }
```

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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