

Converting Colors

Yxy(51.1471, 0.3067, 0.3453)

Have a look what the booklet for
Yxy(51.1471, 0.3067, 0.3453)
contains.

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Color

Yxy(51.0749, 0.3064, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	AFC2B6
RGB	175, 194, 182
RGB Percent	69%, 76%, 71%
CMY	0.3138, 0.2392, 0.2862
CMYK	0.10, 0.00, 0.06, 0.24
HSL	142°, 13%, 72%
HSV	142°, 10%, 76%
XYZ	45.4131, 51.0749, 51.7270
YIQ	186.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

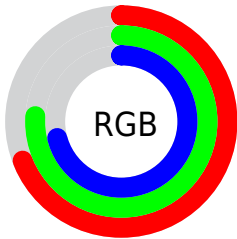
Format	Color
RYB	175, 189, 194
Decimal	11518646
CIELab	76.72, -8.79, 3.81
CIELCh	77, 9.579, 156.544
Yxy	51.0749, 0.3064, 0.3446
Android (android.graphics.Color)	4289708726 (0xFFAFC2B6)
YUV	186.9510, -2.4408, -10.4810
Hunter-Lab	71.4667, -11.6400, 7.1131

Details

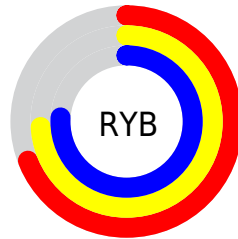
The Yxy color **51.0749, 0.3064, 0.3446** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7124, 0.3196, 0.3139**, and the grayscale version is **49.6824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1563, 0.3077, 0.3421**, and **24.4787, 0.3043, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **48.5073, 0.3001, 0.3624**, and if you desaturate by 10%, it is **54.0136, 0.3128, 0.3287**.

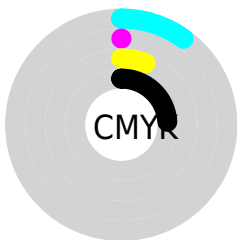
Distribution



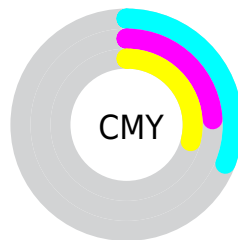
- Red (69%)
- Green (76%)
- Blue (71%)



- Red (69%)
- Yellow (74%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0749, 0.3064, 0.3446 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 51.0749, 0.3064, 0.3446 by changing the saturation by 10% instead.

■ 51.0749, 0.3064,
0.3446

■ 51.0749, 0.3064,
0.3446

390.8547, 0.3096,
0.3368

■ 36.2682, 0.3056,
0.3465

■ 91.7655, 0.3075,
0.3418

■ 24.6414, 0.3046,
0.3490

118.4182, 0.3080,
0.3407

■ 15.8101, 0.3033,
0.3523

149.7883, 0.3083,
0.3398

■ 9.3899, 0.3014,
0.3569

186.2603, 0.3087,
0.3391

■ 4.9963, 0.2986,
0.3637

228.2186, 0.3089,
0.3384

■ 2.2451, 0.2939,
0.3750

276.0474, 0.3092,

■ 0.7444, 0.2768,

0.3378

0.4179

330.1314, 0.3094,
0.3373

0.0000, 0.0000,
0.0000

51.0749, 0.3064,
0.3446

51.0749, 0.3064,
0.3446

48.5073, 0.3001,
0.3624

54.0136, 0.3128,
0.3287

46.2894, 0.2941,
0.3822

57.3307, 0.3192,
0.3147

44.4076, 0.2886,
0.4039

61.0417, 0.3255,
0.3023

42.8447, 0.2841,
0.4270

65.1592, 0.3315,
0.2916

41.5822, 0.2808,
0.4512

66.3289, 0.3241,
0.2801

■ 40.5994, 0.2790,
0.4757

■ 67.0666, 0.3155,
0.2693

■ 39.8729, 0.2790,
0.4996

■ 39.3753, 0.2807,
0.5218

■ 39.0557, 0.2839,
0.5417

Harmonies

Analogous

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



51.0749, 0.3195, 0.3510



51.0749, 0.3064, 0.3446



51.0749, 0.2952, 0.3338

Triad

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



51.0749, 0.3064, 0.3446



51.0749, 0.2946, 0.3074



51.0749, 0.3374, 0.3353

Complementary

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



51.0749, 0.3064, 0.3446



45.7124, 0.3196, 0.3139

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.



51.0749, 0.3305, 0.3240



51.0749, 0.3064, 0.3446



51.0749, 0.3056, 0.3081

Square

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



51.0749, 0.3064, 0.3446



51.0749, 0.2884, 0.3123



51.0749, 0.3187, 0.3142



51.0749, 0.3376, 0.3452

Rectangle

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



51.0749, 0.3064, 0.3446



51.0749, 0.2902, 0.3258



51.0749, 0.3187, 0.3142



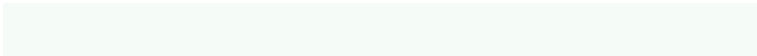
51.0749, 0.3358, 0.3315

Sweetspot

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



51.0771, 0.3064, 0.3446



96.0511, 0.3108, 0.3337



52.2503, 0.3213, 0.3533



20.9375, 0.3102, 0.3349



0.0000, 0.0000, 0.0000



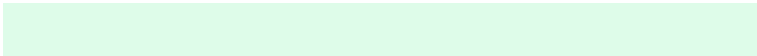
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0771, 0.3064, 0.3446



91.3610, 0.3049, 0.3487



51.4815, 0.2996, 0.3322



11.3190, 0.3067, 0.3439



25.6869, 0.2832, 0.5396



1.1232, 0.2702, 0.4928

Inverse Universe

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



45.7124, 0.3196, 0.3139



79.4715, 0.3215, 0.3101



45.3205, 0.3276, 0.3258



10.1824, 0.3193, 0.3146



8.4864, 0.4401, 0.2198



0.3796, 0.4069, 0.2015

Previews

White Background



This preview shows how the Yxy color 51.0749, 0.3064, 0.3446 looks on a white background.

Color Contrast Check

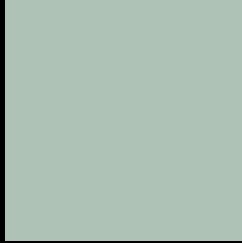
Large Text (above 18pt) WCAG AA × Fail

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 51.0749, 0.3064, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

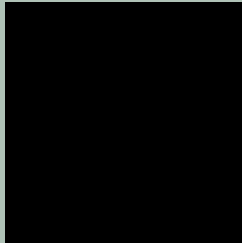
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

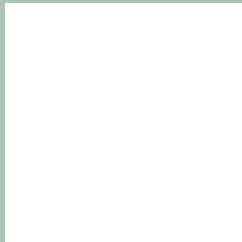
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0749, 0.3064, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 51.0749, 0.3064, 0.3446.



This preview shows how white text looks on a background with the Yxy color 51.0749, 0.3064, 0.3446.

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

51.0749, 0.3064, 0.3446

Protanopia

50.8232, 0.3256, 0.3403

Deuteranopia

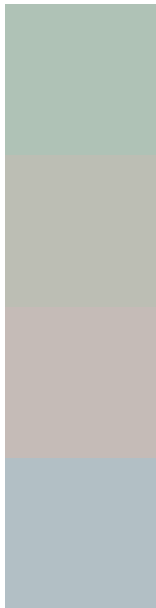
50.8830, 0.3343, 0.3279



Tritanopia

50.8668, 0.2923, 0.3089

Trichromacy



Original Color

51.0749, 0.3064, 0.3446

Protanomaly

50.8136, 0.3187, 0.3417

Deuteranomaly

50.8299, 0.3242, 0.3340

Tritanomaly

50.7578, 0.2980, 0.3213

Monochromacy



Original Color

51.0749, 0.3064, 0.3446

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3970, 0.3108, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0749, 0.3064, 0.3446 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(175, 194, 182)` looks like.

```
.text, #text, p{  
    color:rgb(175, 194, 182)  
}
```

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(175, 194, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 194, 182) }
```

Border

The CSS property to change the border of an element to Yxy 51.0749, 0.3064, 0.3446 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(175, 194, 182) }
```

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

```
.border{ border-color:rgb(175, 194, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 194, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 194, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 194, 182);  
box-shadow:4px 4px 4px 4px rgb(175, 194,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0749, 0.3064, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 194, 182) }
```

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

```
.background{ background-color: rgb(175,  
194, 182) }
```

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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