

Converting Colors

$Yxy(48.6364, 0.3127, 0.3539)$

Have a look what the booklet for
Yxy(48.6364, 0.3127, 0.3539)
contains.

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Color

Yxy(48.6514, 0.3132, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	ADBEAB
RGB	173, 190, 171
RGB Percent	68%, 75%, 67%
CMY	0.3213, 0.2549, 0.3294
CMYK	0.09, 0.00, 0.10, 0.25
HSL	114°, 13%, 71%
HSV	114°, 10%, 75%
XYZ	43.0077, 48.6514, 45.6579
YIQ	182.7510, -4.0330, -9.5130

Conversions

Conversions Part 2

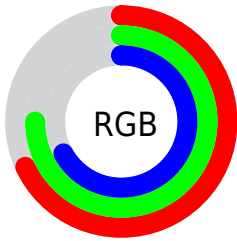
Format	Color
R _{YB}	171, 190, 188
Decimal	11386539
CIE Lab	75.23, -9.39, 7.60
CIE LCh	75, 12.082, 141.006
Yxy	48.6514, 0.3132, 0.3543
Android (android.graphics.Color)	4289576619 (0xFFADBEAB)
YUV	182.7510, -5.7932, -8.5516
Hunter-Lab	69.7506, -12.0017, 10.0149

Details

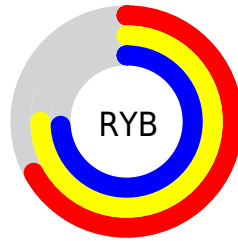
The Yxy color **48.6514, 0.3132, 0.3543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5325, 0.3120, 0.3047**, and the grayscale version is **47.2504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8965, 0.3130, 0.3497**, and **23.2882, 0.3134, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **46.1677, 0.3135, 0.3828**, and if you desaturate by 10%, it is **51.4887, 0.3127, 0.3290**.

Distribution



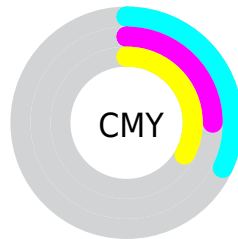
- Red (68%)
- Green (75%)
- Blue (67%)



- Red (67%)
- Yellow (75%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)



- Cyan (32%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6514, 0.3132, 0.3543 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 48.6514, 0.3132, 0.3543 by changing the saturation by 10% instead.


 48.6514, 0.3132,
0.3543

 48.6514, 0.3132,
0.3543


381.3683, 0.3131,
0.3415

 34.3430, 0.3132,
0.3575


 88.1735, 0.3132,
0.3496

 23.1572, 0.3132,
0.3617


114.1560, 0.3132,
0.3479

 14.7097, 0.3131,
0.3673


144.7987, 0.3131,
0.3464

 8.6159, 0.3130,
0.3752

180.4859, 0.3131,
0.3452

 4.4915, 0.3127,
0.3871

221.6021, 0.3131,
0.3441

 1.9521, 0.3117,
0.4074

268.5316, 0.3131,


 0.5794, 0.3214,

0.3431


0.5792


321.6589, 0.3131,
0.3423

 0.0000, 0.0000,
0.0000

 48.6514, 0.3132,
0.3543


 48.6514, 0.3132,
0.3543

 46.1677, 0.3135,
0.3828

 51.4887, 0.3127,
0.3290


 44.0178, 0.3135,
0.4142


 54.6861, 0.3121,
0.3067


 42.1893, 0.3132,
0.4478

 58.2580, 0.3114,
0.2874

 40.6666, 0.3124,
0.4825

 62.2158, 0.3107,
0.2706

 39.4330, 0.3111,
0.5161

 65.3020, 0.3157,
0.2653

■ 38.4700, 0.3093,
0.5465

■ 37.7570, 0.3071,
0.5711

■ 37.2705, 0.3047,
0.5881

■ 36.9759, 0.3026,
0.5980

Harmonies

Analogous

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



48.6514, 0.3295, 0.3584



48.6514, 0.3132, 0.3543



48.6514, 0.2971, 0.3429

Triad

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



48.6514, 0.3132, 0.3543



48.6514, 0.2845, 0.3037



48.6514, 0.3408, 0.3294

Complementary

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



48.6514, 0.3132, 0.3543



43.5325, 0.3120, 0.3047

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.



48.6514, 0.3282, 0.3156



48.6514, 0.3132, 0.3543



48.6514, 0.2956, 0.3010

Square

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



48.6514, 0.3132, 0.3543



48.6514, 0.2808, 0.3133



48.6514, 0.3115, 0.3054



48.6514, 0.3457, 0.3434

Rectangle

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



48.6514, 0.3132, 0.3543



48.6514, 0.2886, 0.3328



48.6514, 0.3115, 0.3054



48.6514, 0.3373, 0.3246

Sweetspot

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



48.6535, 0.3132, 0.3543



91.6759, 0.3129, 0.3364



49.7568, 0.3277, 0.3505



20.0377, 0.3129, 0.3384



97.7402, 0.3127, 0.3290



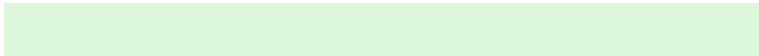
20.4902, 0.3127, 0.3290

Same Dimension

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



48.6535, 0.3132, 0.3543



87.1312, 0.3133, 0.3603



48.7074, 0.3061, 0.3445



10.6975, 0.3132, 0.3526



24.6072, 0.3030, 0.5976



0.9805, 0.3132, 0.5895

Inverse Universe

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



43.5325, 0.3120, 0.3047



75.9685, 0.3119, 0.2992



43.4836, 0.3200, 0.3140



9.6427, 0.3121, 0.3063



8.1416, 0.2943, 0.1395



0.3340, 0.3010, 0.1432

Previews

White Background



This preview shows how the Yxy color 48.6514, 0.3132, 0.3543 looks on a white background.

Color Contrast Check

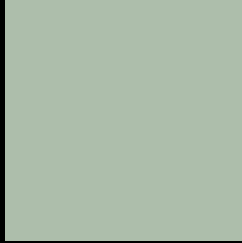
Large Text (above 18pt) WCAG AA × Fail

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 48.6514, 0.3132, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

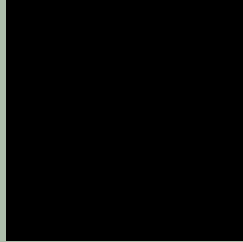
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

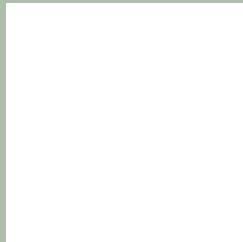
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6514, 0.3132, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 48.6514, 0.3132, 0.3543.



This preview shows how white text looks on a background with the Yxy color 48.6514, 0.3132, 0.3543.

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

48.6514, 0.3132, 0.3543

Protanopia

48.3146, 0.3324, 0.3496

Deuteranopia

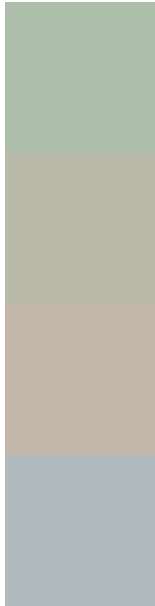
48.5227, 0.3425, 0.3365



Tritanopia

48.7529, 0.2957, 0.3111

Trichromacy



Original Color

48.6514, 0.3132, 0.3543

Protanomaly

48.2967, 0.3252, 0.3512

Deuteranomaly

48.4476, 0.3319, 0.3430

Tritanomaly

48.4449, 0.3022, 0.3264

Monochromacy



Original Color

48.6514, 0.3132, 0.3543

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.9562, 0.3123, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6514, 0.3132, 0.3543 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(173, 190, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 190, 171)  
}
```

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(173, 190, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 190, 171) }
```

Border

The CSS property to change the border of an element to Yxy 48.6514, 0.3132, 0.3543 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(173, 190, 171) }
```

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

```
.border{ border-color:rgb(173, 190, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 190, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 190, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 190, 171); box-shadow:4px 4px 4px 4px rgb(173, 190, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6514, 0.3132, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 190, 171) }
```

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

```
.background{ background-color: rgb(173,  
190, 171) }
```

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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