

Converting Colors

Yxy(44.4389, 0.3150, 0.3462)

Have a look what the booklet for
Yxy(44.4389, 0.3150, 0.3462)
contains.

Yxy(44.6456, 0.3153, 0.3467)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.6456, 0.3153, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	ACB5A8
RGB	172, 181, 168
RGB Percent	67%, 71%, 66%
CMY	0.3256, 0.2902, 0.3412
CMYK	0.05, 0.00, 0.07, 0.29
HSL	102°, 8%, 68%
HSV	102°, 7%, 71%
XYZ	40.6021, 44.6456, 43.5253
YIQ	176.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

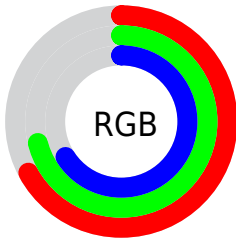
Format	Color
RYB	168, 181, 177
Decimal	11318696
CIELab	72.66, -5.58, 5.53
CIELCh	73, 7.856, 135.270
Yxy	44.6456, 0.3153, 0.3467
Android (android.graphics.Color)	4289508776 (0xFFACB5A8)
YUV	176.8270, -4.3517, -4.2333
Hunter-Lab	66.8174, -8.4634, 8.1503

Details

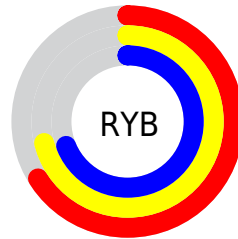
The Yxy color $44.6456, 0.3153, 0.3467$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $40.6949, 0.3099, 0.3115$, and the grayscale version is $43.8943, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.2270, 0.3147, 0.3437$, and $20.6924, 0.3164, 0.3516$ is the 20% darker color. If you saturate the color by 10%, you get $42.6639, 0.3188, 0.3736$, and if you desaturate by 10%, it is $46.8595, 0.3117, 0.3224$.

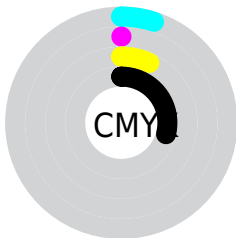
Distribution



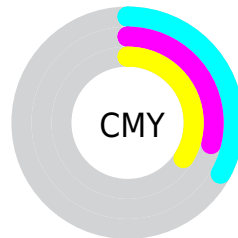
- Red (67%)
- Green (71%)
- Blue (66%)



- Red (66%)
- Yellow (71%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)




- Cyan (33%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6456, 0.3153, 0.3467 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 44.6456, 0.3153, 0.3467 by changing the saturation by 10% instead.


 44.6456, 0.3153,
0.3467


 44.6456, 0.3153,
0.3467


365.3363, 0.3140,
0.3377

 31.1784, 0.3156,
0.3490


 82.1883, 0.3149,
0.3434

 20.7347, 0.3160,
0.3520


 107.0326, 0.3147,
0.3422

 12.9302, 0.3165,
0.3560


136.4381, 0.3145,
0.3411

 7.3805, 0.3171,
0.3618

170.7891, 0.3144,
0.3402

 3.7012, 0.3181,
0.3707

210.4700, 0.3143,
0.3395

 1.5079, 0.3194,
0.3861

255.8653, 0.3142,

 0.2942, 0.3277,

0.3388

0.6723

307.3592, 0.3141,
0.3382

0.0000, 0.0000,
0.0000

44.6456, 0.3153,
0.3467

44.6456, 0.3153,
0.3467

42.6639, 0.3188,
0.3736

46.8595, 0.3117,
0.3224

40.9012, 0.3219,
0.4029

49.3070, 0.3081,
0.3008

39.3512, 0.3246,
0.4341

51.9970, 0.3046,
0.2816

38.0056, 0.3264,
0.4662

54.9360, 0.3013,
0.2647

36.8551, 0.3271,
0.4979

57.9023, 0.3005,
0.2530

■ 35.8900, 0.3264,
0.5274

■ 60.1152, 0.3102,
0.2552

■ 35.0993, 0.3242,
0.5527

■ 61.5316, 0.3161,
0.2566

■ 34.4709, 0.3206,
0.5722

■ 33.9890, 0.3160,
0.5852

Harmonies

Analogous

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



44.6456, 0.3258, 0.3484



44.6456, 0.3153, 0.3467



44.6456, 0.3042, 0.3400

Triad

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



44.6456, 0.3153, 0.3467



44.6456, 0.2928, 0.3130



44.6456, 0.3302, 0.3275

Complementary

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



44.6456, 0.3153, 0.3467



40.6949, 0.3099, 0.3115

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.



44.6456, 0.3211, 0.3184



44.6456, 0.3153, 0.3467



44.6456, 0.2995, 0.3101

Square

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



44.6456, 0.3153, 0.3467



44.6456, 0.2914, 0.3203



44.6456, 0.3098, 0.3121



44.6456, 0.3345, 0.3371

Rectangle

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



44.6456, 0.3153, 0.3467



44.6456, 0.2980, 0.3336



44.6456, 0.3098, 0.3121



44.6456, 0.3276, 0.3243

Sweetspot

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



44.6475, 0.3153, 0.3467



81.9419, 0.3135, 0.3339



44.0537, 0.3237, 0.3409



17.7199, 0.3134, 0.3336



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



44.6475, 0.3153, 0.3467



79.2232, 0.3160, 0.3518



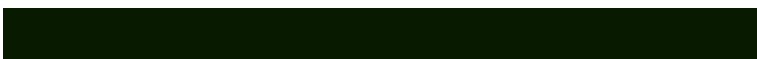
44.2941, 0.3100, 0.3436



9.6119, 0.3161, 0.3522



23.3816, 0.3155, 0.5877



0.7671, 0.3385, 0.5694

Inverse Universe

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



40.6949, 0.3099, 0.3115



70.3261, 0.3091, 0.3066



41.0717, 0.3156, 0.3149



8.5138, 0.3090, 0.3062



5.3776, 0.2459, 0.1128



0.1981, 0.2677, 0.1248

Previews

White Background



This preview shows how the Yxy color 44.6456, 0.3153, 0.3467 looks on a white background.

Color Contrast Check

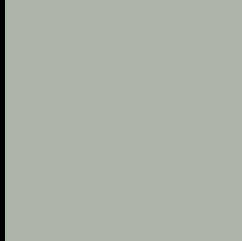
Large Text (above 18pt) WCAG AA × Fail

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 44.6456, 0.3153, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

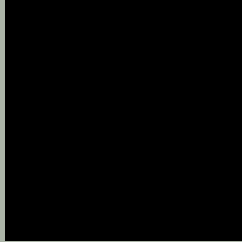
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

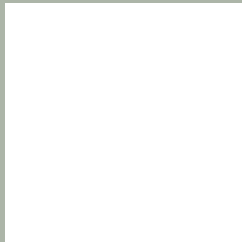
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6456, 0.3153, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 44.6456, 0.3153, 0.3467.



This preview shows how white text looks on a background with the Yxy color 44.6456, 0.3153, 0.3467.

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

44.6456, 0.3153, 0.3467

Protanopia

44.3878, 0.3280, 0.3436

Deuteranopia

44.4131, 0.3382, 0.3316



Tritanopia

44.8767, 0.3000, 0.3106

Trichromacy



Original Color

44.6456, 0.3153, 0.3467

Protanomaly

44.3341, 0.3235, 0.3438

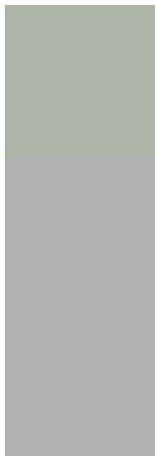
Deuteranomaly

44.3433, 0.3303, 0.3369

Tritanomaly

44.7731, 0.3061, 0.3237

Monochromacy



Original Color

44.6456, 0.3153, 0.3467

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0107, 0.3133, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6456, 0.3153, 0.3467 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(172, 181, 168)` looks like.

```
.text, #text, p{  
    color:rgb(172, 181, 168)  
}
```

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(172, 181, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 181, 168) }
```

Border

The CSS property to change the border of an element to Yxy 44.6456, 0.3153, 0.3467 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(172, 181, 168) }
```

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

```
.border{ border-color:rgb(172, 181, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 181, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 181, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 181, 168);  
box-shadow:4px 4px 4px 4px rgb(172, 181,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6456, 0.3153, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 181, 168) }
```

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

```
.background{ background-color: rgb(172,  
181, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor