

Converting Colors

$Yxy(44.3079, 0.3244, 0.3545)$

Have a look what the booklet for
Yxy(44.3079, 0.3244, 0.3545)
contains.

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Color

Yxy(44.4458, 0.3246, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	B0B4A1
RGB	176, 180, 161
RGB Percent	69%, 71%, 63%
CMY	0.3097, 0.2941, 0.3686
CMYK	0.02, 0.00, 0.11, 0.29
HSL	73°, 11%, 67%
HSV	73°, 11%, 71%
XYZ	40.6626, 44.4458, 40.1616
YIQ	176.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

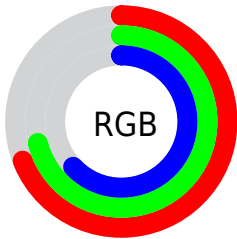
Format	Color
RYB	161, 180, 165
Decimal	11580577
CIELab	72.53, -4.82, 9.20
CIELCh	73, 10.386, 117.671
Yxy	44.4458, 0.3246, 0.3548
Android (android.graphics.Color)	4289770657 (0xFFB0B4A1)
YUV	176.6380, -7.7095, -0.5595
Hunter-Lab	66.6677, -7.7959, 10.9502

Details

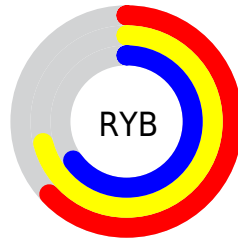
The Yxy color **44.4458, 0.3246, 0.3548** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7904, 0.3001, 0.3024**, and the grayscale version is **43.8090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1046, 0.3225, 0.3500**, and **20.4938, 0.3280, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **43.4235, 0.3360, 0.3805**, and if you desaturate by 10%, it is **45.5756, 0.3133, 0.3303**.

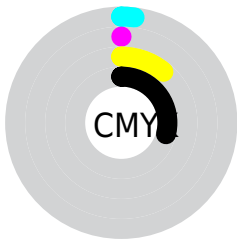
Distribution



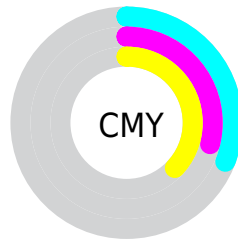
- Red (69%)
- Green (71%)
- Blue (63%)



- Red (63%)
- Yellow (71%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)





- Cyan (31%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4458, 0.3246, 0.3548 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 44.4458, 0.3246, 0.3548 by changing the saturation by 10% instead.


 44.4458, 0.3246,
0.3548

 44.4458, 0.3246,
0.3548


364.5244, 0.3187,
0.3417

 31.0211, 0.3261,
0.3582


 81.8881, 0.3225,
0.3500

 20.6149, 0.3280,
0.3625


 106.6746, 0.3216,
0.3482

 12.8428, 0.3305,
0.3684


136.0171, 0.3210,
0.3467

 7.3204, 0.3339,
0.3768

170.3001, 0.3204,
0.3454

 3.6633, 0.3390,
0.3897

209.9079, 0.3199,
0.3443

 1.4870, 0.3475,
0.4122

255.2250, 0.3194,

 0.2796, 0.3461,

0.3433

0.6539

306.6357, 0.3190,
0.3424

0.0000, 0.0000,
0.0000

44.4458, 0.3246,
0.3548

44.4458, 0.3246,
0.3548

43.4235, 0.3360,
0.3805

45.5756, 0.3133,
0.3303

42.4990, 0.3472,
0.4068

46.8109, 0.3024,
0.3073

41.6699, 0.3577,
0.4330

48.1572, 0.2921,
0.2861

40.9316, 0.3671,
0.4580

49.6178, 0.2824,
0.2667

40.2791, 0.3748,
0.4809

51.1960, 0.2734,
0.2490

■ 39.7068, 0.3803,
0.5006

■ 51.9588, 0.2736,
0.2458

■ 39.2083, 0.3835,
0.5162

■ 52.4806, 0.2763,
0.2464

■ 38.7762, 0.3840,
0.5272

■ 53.0152, 0.2791,
0.2471

■ 38.4141, 0.3827,
0.5343

■ 53.5629, 0.2818,
0.2477

Harmonies

Analogous

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



44.4458, 0.3364, 0.3527



44.4458, 0.3246, 0.3548



44.4458, 0.3099, 0.3496

Triad

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



44.4458, 0.3246, 0.3548



44.4458, 0.2845, 0.3128



44.4458, 0.3293, 0.3197

Complementary

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



44.4458, 0.3246, 0.3548



36.7904, 0.3001, 0.3024

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.



44.4458, 0.3151, 0.3096



44.4458, 0.3246, 0.3548



44.4458, 0.2894, 0.3055

Square

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



44.4458, 0.3246, 0.3548



44.4458, 0.2869, 0.3248



44.4458, 0.3005, 0.3044



44.4458, 0.3392, 0.3323

Rectangle

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



44.4458, 0.3246, 0.3548



44.4458, 0.3004, 0.3426



44.4458, 0.3005, 0.3044



44.4458, 0.3249, 0.3159

Sweetspot

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



44.4477, 0.3246, 0.3548



82.1095, 0.3161, 0.3363



39.1201, 0.3305, 0.3343



17.7107, 0.3170, 0.3382



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.



44.4477, 0.3246, 0.3548



80.0796, 0.3277, 0.3616



43.3998, 0.3164, 0.3554



9.8149, 0.3232, 0.3517



26.8408, 0.3832, 0.5339



0.8671, 0.3939, 0.5255

Inverse Universe

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



36.7904, 0.3001, 0.3024



62.9843, 0.2965, 0.2952



37.8248, 0.3086, 0.3031



8.3132, 0.3016, 0.3057



2.6085, 0.1617, 0.0664



0.1069, 0.1891, 0.0816

Previews

White Background



This preview shows how the Yxy color 44.4458, 0.3246, 0.3548 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 44.4458, 0.3246, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

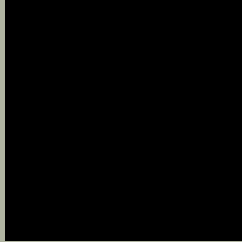
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

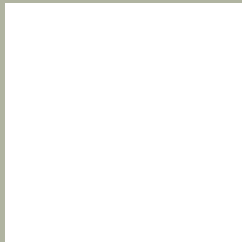
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4458, 0.3246, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 44.4458, 0.3246, 0.3548.



This preview shows how white text looks on a background with the Yxy color 44.4458, 0.3246, 0.3548.

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

44.4458, 0.3246, 0.3548

Protanopia

44.2966, 0.3340, 0.3517

Deuteranopia

44.0495, 0.3466, 0.3393



Tritanopia

44.4717, 0.3049, 0.3107

Trichromacy



Original Color

44.4458, 0.3246, 0.3548

Protanomaly

44.3239, 0.3311, 0.3532

Deuteranomaly

43.9571, 0.3384, 0.3448

Tritanomaly

44.2827, 0.3128, 0.3264

Monochromacy



Original Color

44.4458, 0.3246, 0.3548

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.1282, 0.3175, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4458, 0.3246, 0.3548 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(176, 180, 161)` looks like.

```
.text, #text, p{  
    color:rgb(176, 180, 161)  
}
```

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(176, 180, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 180, 161) }
```

Border

The CSS property to change the border of an element to Yxy 44.4458, 0.3246, 0.3548 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(176, 180, 161) }
```

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

```
.border{ border-color:rgb(176, 180, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 180, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 180, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 180, 161);  
box-shadow:4px 4px 4px 4px rgb(176, 180,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4458, 0.3246, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 180, 161) }
```

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

```
.background{ background-color: rgb(176,  
180, 161) }
```

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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