

Converting Colors

$Yxy(43.9747, 0.3148, 0.3686)$

Have a look what the booklet for
Yxy(43.9747, 0.3148, 0.3686)
contains.

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Color

Yxy(44.1549, 0.3142, 0.3686)

Conversions

Conversions Part 1

Format	Color
Hex	A0B89C
RGB	160, 184, 156
RGB Percent	63%, 72%, 61%
CMY	0.3726, 0.2784, 0.3882
CMYK	0.13, 0.00, 0.15, 0.28
HSL	111°, 16%, 67%
HSV	111°, 15%, 72%
XYZ	37.6383, 44.1549, 37.9977
YIQ	173.6320, -5.3160, -13.7960

Conversions

Conversions Part 2

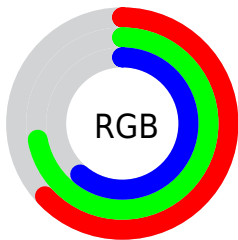
Format	Color
RYB	156, 184, 180
Decimal	10533020
CIELab	72.33, -13.57, 11.49
CIELCh	72, 17.780, 139.752
Yxy	44.1549, 0.3142, 0.3686
Android (android.graphics.Color)	4288723100 (0xFFA0B89C)
YUV	173.6320, -8.6926, -11.9553
Hunter-Lab	66.4492, -15.1796, 12.6106

Details

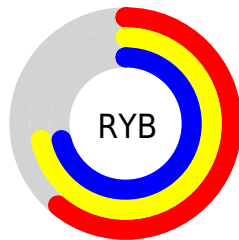
The Yxy color **44.1549, 0.3142, 0.3686** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.9495, 0.3107, 0.2916**, and the grayscale version is **42.1771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4704, 0.3139, 0.3604**, and **20.4407, 0.3137, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **42.0550, 0.3149, 0.3984**, and if you desaturate by 10%, it is **46.5596, 0.3133, 0.3418**.

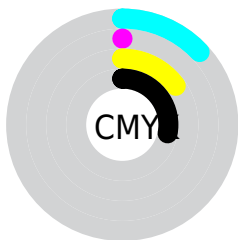
Distribution



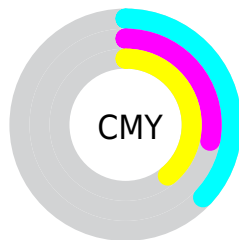
- Red (63%)
- Green (72%)
- Blue (61%)



- Red (61%)
- Yellow (72%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)





- Cyan (37%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1549, 0.3142, 0.3686 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 44.1549, 0.3142, 0.3686 by changing the saturation by 10% instead.


 44.1549, 0.3142,
0.3686


 44.1549, 0.3142,
0.3686


363.3400, 0.3137,
0.3482

 30.7923, 0.3142,
0.3739


 81.4508, 0.3141,
0.3610

 20.4407, 0.3143,
0.3809


 106.1529, 0.3140,
0.3582

 12.7158, 0.3142,
0.3904


135.4035, 0.3139,
0.3559

 7.2332, 0.3138,
0.4042

169.5872, 0.3139,
0.3539

 3.6083, 0.3129,
0.4257

209.0883, 0.3138,
0.3521

 1.4570, 0.3124,
0.4681

254.2912, 0.3138,

 0.2582, 0.0000,

0.3506

1.0000

305.5803, 0.3137,
0.3493

■ 0.0000, 0.0000,
0.0000

■ 44.1549, 0.3142,
0.3686

■ 44.1549, 0.3142,
0.3686

■ 42.0550, 0.3149,
0.3984

■ 46.5596, 0.3133,
0.3418

■ 40.2422, 0.3152,
0.4307

■ 49.2748, 0.3122,
0.3180

■ 38.7057, 0.3151,
0.4646

■ 52.3129, 0.3110,
0.2971

■ 37.4318, 0.3143,
0.4986

■ 55.6841, 0.3098,
0.2790

■ 36.4057, 0.3128,
0.5305

■ 59.3983, 0.3087,
0.2632

■ 35.6107, 0.3107,
0.5581

■ 62.7072, 0.3158,
0.2594

■ 35.0286, 0.3080,
0.5791

■ 62.7631, 0.3160,
0.2595

■ 34.6376, 0.3051,
0.5923

■ 34.5047, 0.3040,
0.5969

Harmonies

Analogous

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



44.1549, 0.3389, 0.3740



44.1549, 0.3142, 0.3686



44.1549, 0.2898, 0.3512

Triad

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



44.1549, 0.3142, 0.3686



44.1549, 0.2698, 0.2910



44.1549, 0.3550, 0.3283

Complementary

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



44.1549, 0.3142, 0.3686



36.9495, 0.3107, 0.2916

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.



44.1549, 0.3351, 0.3081



44.1549, 0.3142, 0.3686



44.1549, 0.2859, 0.2870

Square

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



44.1549, 0.3142, 0.3686



44.1549, 0.2648, 0.3055



44.1549, 0.3096, 0.2933



44.1549, 0.3631, 0.3494

Rectangle

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



44.1549, 0.3142, 0.3686



44.1549, 0.2769, 0.3356



44.1549, 0.3096, 0.2933



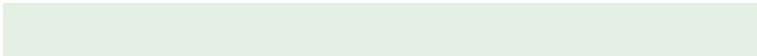
44.1549, 0.3494, 0.3212

Sweetspot

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



44.1568, 0.3142, 0.3686



84.4562, 0.3133, 0.3414



45.1563, 0.3360, 0.3608



18.1375, 0.3133, 0.3432



93.3107, 0.3127, 0.3290



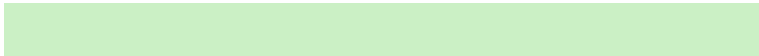
18.7317, 0.3127, 0.3290

Same Dimension

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



44.1568, 0.3142, 0.3686



78.8070, 0.3144, 0.3775



44.0988, 0.3034, 0.3547



10.1197, 0.3137, 0.3525



23.7980, 0.3044, 0.5965



0.8586, 0.3181, 0.5856

Inverse Universe

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



36.9495, 0.3107, 0.2916



63.4231, 0.3102, 0.2837



37.0372, 0.3234, 0.3046



9.0963, 0.3116, 0.3063



7.4077, 0.2857, 0.1348



0.2790, 0.2954, 0.1401

Previews

White Background



This preview shows how the Yxy color 44.1549, 0.3142, 0.3686 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 44.1549, 0.3142, 0.3686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

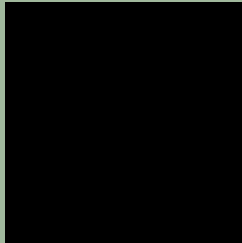
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1549, 0.3142, 0.3686

Background



This preview shows how black text looks on a background with the Yxy color 44.1549, 0.3142, 0.3686.



This preview shows how white text looks on a background with the Yxy color 44.1549, 0.3142, 0.3686.

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

44.1549, 0.3142, 0.3686

Protanopia

44.1504, 0.3418, 0.3624

Deuteranopia

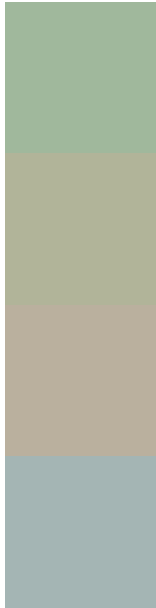
44.0465, 0.3511, 0.3444



Tritanopia

44.1974, 0.2911, 0.3102

Trichromacy



Original Color

44.1549, 0.3142, 0.3686

Protanomaly

44.2895, 0.3321, 0.3659

Deuteranomaly

43.9584, 0.3368, 0.3530

Tritanomaly

44.2355, 0.2992, 0.3303

Monochromacy



Original Color

44.1549, 0.3142, 0.3686

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.0658, 0.3137, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1549, 0.3142, 0.3686 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(160, 184, 156)` looks like.

```
.text, #text, p{  
    color:rgb(160, 184, 156)  
}
```

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(160, 184, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 184, 156) }
```

Border

The CSS property to change the border of an element to Yxy 44.1549, 0.3142, 0.3686 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(160, 184, 156) }
```

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

```
.border{ border-color:rgb(160, 184, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 184, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 184, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 184, 156);  
box-shadow:4px 4px 4px 4px rgb(160, 184,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1549, 0.3142, 0.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 184, 156) }
```

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

```
.background{ background-color: rgb(160,  
184, 156) }
```

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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