

Converting Colors

$Yxy(44.3286, 0.3177, 0.3683)$

Have a look what the booklet for
Yxy(44.3286, 0.3177, 0.3683)
contains.

Yxy(44.5738, 0.3176, 0.3682)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.5738, 0.3176, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	A4B89C
RGB	164, 184, 156
RGB Percent	64%, 72%, 61%
CMY	0.3570, 0.2784, 0.3882
CMYK	0.11, 0.00, 0.15, 0.28
HSL	103°, 16%, 67%
HSV	103°, 15%, 72%
XYZ	38.4482, 44.5738, 38.0366
YIQ	174.8280, -2.9320, -12.9480

Conversions

Conversions Part 2

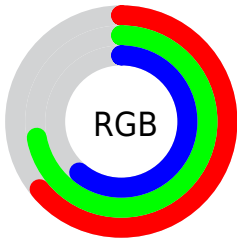
Format	Color
RYB	156, 184, 176
Decimal	10795164
CIELab	72.61, -12.16, 11.92
CIELCh	73, 17.025, 135.562
Yxy	44.5738, 0.3176, 0.3682
Android (android.graphics.Color)	4288985244 (0xFFA4B89C)
YUV	174.8280, -9.2822, -9.4962
Hunter-Lab	66.7636, -14.0407, 12.9558

Details

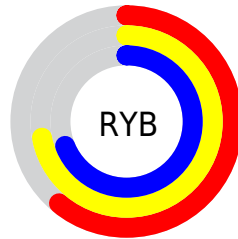
The Yxy color $44.5738, 0.3176, 0.3682$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.4799, 0.3069, 0.2911$, and the grayscale version is $42.8256, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0834, 0.3165, 0.3602$, and $20.6973, 0.3184, 0.3798$ is the 20% darker color. If you saturate the color by 10%, you get $42.6696, 0.3205, 0.3972$, and if you desaturate by 10%, it is $46.7214, 0.3144, 0.3417$.

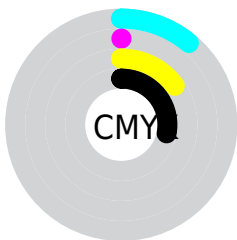
Distribution



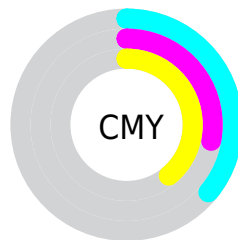
- Red (64%)
- Green (72%)
- Blue (61%)



- Red (61%)
- Yellow (72%)
- Blue (69%)



- Cyan (11%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)



- Cyan (36%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5738, 0.3176, 0.3682 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 44.5738, 0.3176, 0.3682 by changing the saturation by 10% instead.

■ 44.5738, 0.3176,
0.3682

■ 44.5738, 0.3176,
0.3682

365.0447, 0.3154,
0.3480

■ 31.1219, 0.3181,
0.3734

■ 82.0805, 0.3168,
0.3607

■ 20.6917, 0.3187,
0.3803

■ 106.9040, 0.3165,
0.3580

■ 12.8988, 0.3194,
0.3896

136.2869, 0.3163,
0.3556

■ 7.3589, 0.3201,
0.4030

170.6134, 0.3160,
0.3537

■ 3.6875, 0.3209,
0.4238

210.2681, 0.3158,
0.3520

■ 1.5004, 0.3232,
0.4643

255.6353, 0.3157,

■ 0.2890, 0.0000,

0.3505

1.0000

307.0993, 0.3155,
0.3492

0.0000, 0.0000,
0.0000

44.5738, 0.3176,
0.3682

44.5738, 0.3176,
0.3682

42.6696, 0.3205,
0.3972

46.7214, 0.3144,
0.3417

40.9943, 0.3229,
0.4283

49.1148, 0.3111,
0.3180

39.5408, 0.3246,
0.4607


51.7637, 0.3079,
0.2968

38.2993, 0.3253,
0.4929

54.6756, 0.3047,
0.2782

37.2590, 0.3247,
0.5233

57.8574, 0.3017,
0.2618


 36.4085, 0.3227,
0.5498

 60.5584, 0.3068,
0.2575

 35.7346, 0.3193,
0.5706

 62.7649, 0.3160,
0.2595

 35.2224, 0.3149,
0.5846

 35.0234, 0.3128,
0.5898

Harmonies

Analogous

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



44.5738, 0.3407, 0.3716



44.5738, 0.3176, 0.3682



44.5738, 0.2939, 0.3530

Triad

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



44.5738, 0.3176, 0.3682



44.5738, 0.2703, 0.2941



44.5738, 0.3510, 0.3255

Complementary

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



44.5738, 0.3176, 0.3682



36.4799, 0.3069, 0.2911

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.



44.5738, 0.3309, 0.3066



44.5738, 0.3176, 0.3682



44.5738, 0.2844, 0.2887

Square

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



44.5738, 0.3176, 0.3682



44.5738, 0.2672, 0.3092



44.5738, 0.3064, 0.2934



44.5738, 0.3605, 0.3459

Rectangle

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



44.5738, 0.3176, 0.3682



44.5738, 0.2808, 0.3385



44.5738, 0.3064, 0.2934



44.5738, 0.3452, 0.3188

Sweetspot

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



44.5757, 0.3176, 0.3682



84.7386, 0.3144, 0.3414



43.4911, 0.3368, 0.3553



18.2062, 0.3146, 0.3432



93.3107, 0.3127, 0.3290



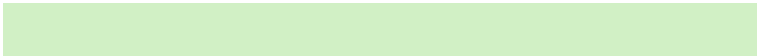
18.7317, 0.3127, 0.3290

Same Dimension

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



44.5757, 0.3176, 0.3682



79.6836, 0.3185, 0.3769



43.9496, 0.3066, 0.3608



10.1804, 0.3158, 0.3523



24.1666, 0.3136, 0.5892



0.8843, 0.3343, 0.5727

Inverse Universe

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



36.4799, 0.3069, 0.2911



62.4052, 0.3055, 0.2831



37.2051, 0.3195, 0.2992



9.0310, 0.3094, 0.3062



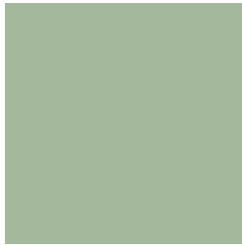
5.7859, 0.2509, 0.1156



0.2336, 0.2698, 0.1260

Previews

White Background



This preview shows how the Yxy color 44.5738, 0.3176, 0.3682 looks on a white background.

Color Contrast Check

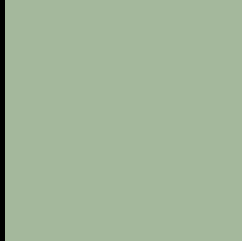
Large Text (above 18pt) WCAG AA × Fail

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 44.5738, 0.3176, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

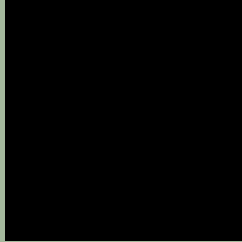
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5738, 0.3176, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 44.5738, 0.3176, 0.3682.



This preview shows how white text looks on a background with the Yxy color 44.5738, 0.3176, 0.3682.

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

44.5738, 0.3176, 0.3682

Protanopia

44.3090, 0.3419, 0.3610

Deuteranopia

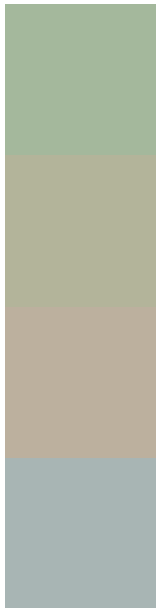
44.1856, 0.3521, 0.3444



Tritanopia

44.6365, 0.2943, 0.3104

Trichromacy



Original Color

44.5738, 0.3176, 0.3682

Protanomaly

44.5593, 0.3331, 0.3643

Deuteranomaly

44.2107, 0.3387, 0.3529

Tritanomaly

44.6679, 0.3025, 0.3303

Monochromacy



Original Color

44.5738, 0.3176, 0.3682

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.3259, 0.3147, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5738, 0.3176, 0.3682 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(164, 184, 156)` looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 184, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 184, 156) }
```

Border

The CSS property to change the border of an element to Yxy 44.5738, 0.3176, 0.3682 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(164, 184, 156) }
```

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

```
.border{ border-color:rgb(164, 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(164, 184, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 184, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 184, 156);  
box-shadow:4px 4px 4px 4px rgb(164, 184,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5738, 0.3176, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 184, 156) }
```

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

```
.background{ background-color: rgb(164,  
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](#).

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