

Converting Colors

$Yxy(44.6452, 0.3357, 0.3785)$

Have a look what the booklet for
Yxy(44.6452, 0.3357, 0.3785)
contains.

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Color

Yxy(44.6452, 0.3357, 0.3785)

Conversions

Conversions Part 1

Format	Color
Hex	AFB692
RGB	175, 182, 146
RGB Percent	69%, 71%, 57%
CMY	0.3136, 0.2863, 0.4276
CMYK	0.04, 0.00, 0.20, 0.29
HSL	72°, 20%, 64%
HSV	72°, 20%, 71%
XYZ	39.5968, 44.6452, 33.7110
YIQ	175.8030, 7.3840, -12.6800

Conversions

Conversions Part 2

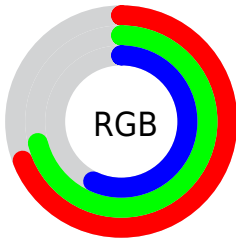
Format	Color
R_{YB}	146, 182, 153
Decimal	11515538
CIE Lab	72.66, -8.71, 17.56
CIE LCh	73, 19.601, 116.396
Yxy	44.6452, 0.3357, 0.3785
Android (android.graphics.Color)	4289705618 (0xFFAFB692)
YUV	175.8030, -14.6929, -0.7042
Hunter-Lab	66.8171, -11.1480, 16.8586

Details

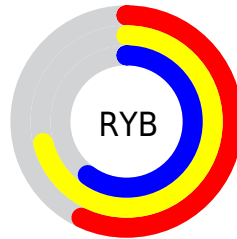
The Yxy color $44.6452, 0.3357, 0.3785$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $30.6927, 0.2868, 0.2764$, and the grayscale version is $43.3844, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3081, 0.3318, 0.3693$, and $20.6643, 0.3419, 0.3938$ is the 20% darker color. If you saturate the color by 10%, you get $43.7225, 0.3472, 0.4047$, and if you desaturate by 10%, it is $45.6726, 0.3240, 0.3529$.

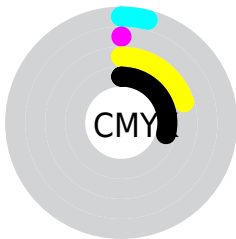
Distribution



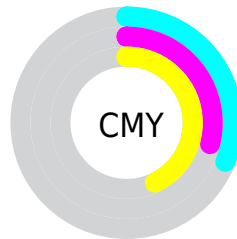
- Red (69%)
- Green (71%)
- Blue (57%)



- Red (57%)
- Yellow (71%)
- Blue (60%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (29%)




- Cyan (31%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6452, 0.3357, 0.3785 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 44.6452, 0.3357, 0.3785 by changing the saturation by 10% instead.

 44.6452, 0.3357,
0.3785


 44.6452, 0.3357,
0.3785


365.3347, 0.3244,
0.3532

 31.1781, 0.3384,
0.3850


 82.1877, 0.3316,
0.3692

 20.7345, 0.3419,
0.3935


 107.0319, 0.3301,
0.3657

 12.9300, 0.3464,
0.4049


136.4372, 0.3288,
0.3628

 7.3804, 0.3523,
0.4210

170.7881, 0.3277,
0.3603

 3.7011, 0.3605,
0.4456

210.4689, 0.3267,
0.3581

 1.5078, 0.3892,
0.5099

255.8640, 0.3258,

 0.2942, 0.1853,

0.3563

0.8147

307.3578, 0.3251,
0.3546

0.0000, 0.0000,
0.0000

44.6452, 0.3357,
0.3785

44.6452, 0.3357,
0.3785

43.7225, 0.3472,
0.4047

45.6726, 0.3240,
0.3529

42.8943, 0.3581,
0.4307

46.8030, 0.3125,
0.3285

42.1580, 0.3679,
0.4557

48.0420, 0.3014,
0.3056

41.5083, 0.3760,
0.4785


49.3934, 0.2909,
0.2845

40.9396, 0.3820,
0.4981


50.8605, 0.2810,
0.2651

 40.4455, 0.3856,
0.5136


 52.4357, 0.2720,
0.2477


 40.0185, 0.3866,
0.5247

 52.9146, 0.2745,
0.2482

 39.6433, 0.3855,
0.5320

 53.4047, 0.2770,
0.2488

 39.6359, 0.3855,
0.5321

 53.9061, 0.2796,
0.2494

Harmonies

Analogous

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



44.6452, 0.3579, 0.3729



44.6452, 0.3357, 0.3785



44.6452, 0.3080, 0.3694

Triad

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



44.6452, 0.3357, 0.3785



44.6452, 0.2604, 0.2987



44.6452, 0.3429, 0.3106

Complementary

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



44.6452, 0.3357, 0.3785



30.6927, 0.2868, 0.2764

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.



44.6452, 0.3155, 0.2928



44.6452, 0.3357, 0.3785



44.6452, 0.2686, 0.2854

Square

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



44.6452, 0.3357, 0.3785



44.6452, 0.2653, 0.3214



44.6452, 0.2884, 0.2836



44.6452, 0.3625, 0.3333

Rectangle

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



44.6452, 0.3357, 0.3785



44.6452, 0.2903, 0.3561



44.6452, 0.2884, 0.2836



44.6452, 0.3343, 0.3039

Sweetspot

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



44.6472, 0.3357, 0.3785



83.5378, 0.3197, 0.3437



34.6629, 0.3494, 0.3383



18.4221, 0.3205, 0.3453



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.



44.6472, 0.3357, 0.3785



80.1490, 0.3410, 0.3905



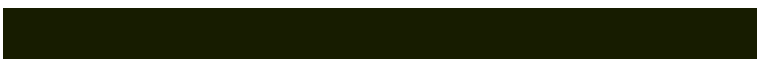
42.7370, 0.3200, 0.3810



10.4131, 0.3235, 0.3518



28.0176, 0.3859, 0.5318



1.0105, 0.3950, 0.5245

Inverse Universe

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



30.6927, 0.2868, 0.2764



49.9703, 0.2797, 0.2626



32.5375, 0.3037, 0.2790



8.8010, 0.3014, 0.3056



2.6631, 0.1602, 0.0656



0.1191, 0.1846, 0.0790

Previews

White Background



This preview shows how the Yxy color 44.6452, 0.3357, 0.3785 looks on a white background.

Color Contrast Check

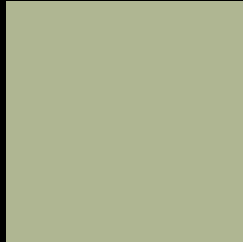
Large Text (above 18pt) WCAG AA × Fail

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 44.6452, 0.3357, 0.3785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

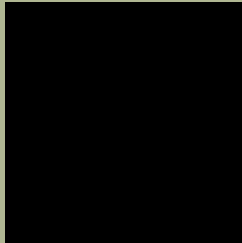
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

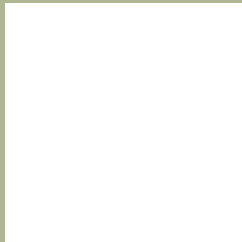
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6452, 0.3357, 0.3785

Background



This preview shows how black text looks on a background with the Yxy color 44.6452, 0.3357, 0.3785.



This preview shows how white text looks on a background with the Yxy color 44.6452, 0.3357, 0.3785.

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

44.6452, 0.3357, 0.3785

Protanopia

44.6732, 0.3512, 0.3741

Deuteranopia

44.3857, 0.3660, 0.3581



Tritanopia

44.5921, 0.3058, 0.3108

Trichromacy



Original Color

44.6452, 0.3357, 0.3785

Protanomaly

44.4749, 0.3454, 0.3747

Deuteranomaly

44.3686, 0.3551, 0.3656

Tritanomaly

44.4805, 0.3168, 0.3343

Monochromacy



Original Color

44.6452, 0.3357, 0.3785

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.7875, 0.3216, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6452, 0.3357, 0.3785 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(175, 182, 146)` looks like.

```
.text, #text, p{  
    color:rgb(175, 182, 146)  
}
```

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(175, 182, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 182, 146) }
```

Border

The CSS property to change the border of an element to Yxy 44.6452, 0.3357, 0.3785 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(175, 182, 146) }
```

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

```
.border{ border-color:rgb(175, 182, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 182, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 182, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 182, 146);  
box-shadow:4px 4px 4px 4px rgb(175, 182,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6452, 0.3357, 0.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 182, 146) }
```

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

```
.background{ background-color: rgb(175,  
182, 146) }
```

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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