

Converting Colors

$Yxy(44.0004, 0.3620, 0.4354)$

Have a look what the booklet for
Yxy(44.0004, 0.3620, 0.4354)
contains.

Yxy(44.0004, 0.3620, 0.4354)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.0004, 0.3620, 0.4354)

Conversions

Conversions Part 1

Format	Color
Hex	ABB86B
RGB	171, 184, 107
RGB Percent	67%, 72%, 42%
CMY	0.3296, 0.2784, 0.5804
CMYK	0.07, 0.00, 0.42, 0.28
HSL	70°, 35%, 57%
HSV	70°, 42%, 72%
XYZ	36.5828, 44.0004, 20.4742
YIQ	171.3350, 16.9690, -26.7030

Conversions

Conversions Part 2

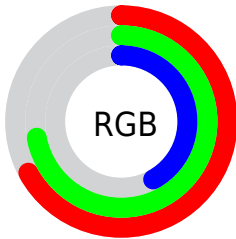
Format	Color
RYB	107, 184, 120
Decimal	11253867
CIELab	72.23, -16.59, 37.54
CIELCh	72, 41.041, 113.845
Yxy	44.0004, 0.3620, 0.4354
Android (android.graphics.Color)	4289443947 (0xFFABB86B)
YUV	171.3350, -31.7172, -0.2938
Hunter-Lab	66.3328, -17.6390, 28.1325

Details

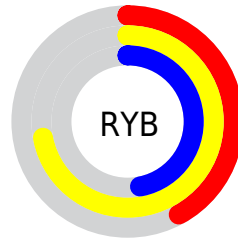
The Yxy color **44.0004, 0.3620, 0.4354** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.9736, 0.2481, 0.2058**, and the grayscale version is **41.0563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1891, 0.3536, 0.4150**, and **20.3099, 0.3727, 0.4676** is the 20% darker color. If you saturate the color by 10%, you get **43.3094, 0.3719, 0.4596**, and if you desaturate by 10%, it is **44.7861, 0.3508, 0.4098**.

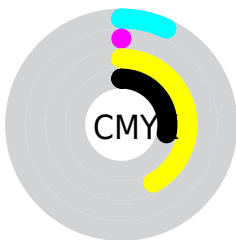
Distribution



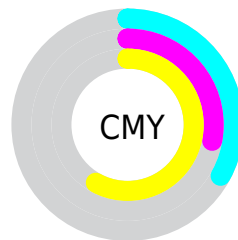
- Red (67%)
- Green (72%)
- Blue (42%)



- Red (42%)
- Yellow (72%)
- Blue (47%)



- Cyan (7%)
- Magenta (0%)
- Yellow (42%)
- Black (28%)




- Cyan (33%)
- Magenta (28%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0004, 0.3620, 0.4354 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 44.0004, 0.3620, 0.4354 by changing the saturation by 10% instead.


 44.0004, 0.3620,
0.4354


 44.0004, 0.3620,
0.4354


362.7099, 0.3389,
0.3807

 30.6708, 0.3670,
0.4492


 81.2183, 0.3541,
0.4153

 20.3483, 0.3727,
0.4668


 105.8755, 0.3510,
0.4078

 12.6485, 0.3792,
0.4899


 135.0773, 0.3483,
0.4015

 7.1869, 0.3857,
0.5207

 169.2082, 0.3459,
0.3961

 3.5793, 0.4051,
0.5859

208.6525, 0.3439,
0.3915

 1.4411, 0.3798,
0.6202

253.7946, 0.3420,

 0.2467, 0.0000,

0.3874

1.0000

305.0189, 0.3404,
0.3839

0.0000, 0.0000,
0.0000

44.0004, 0.3620,
0.4354

44.0004, 0.3620,
0.4354

43.3094, 0.3719,
0.4596

44.7861, 0.3508,
0.4098

42.7017, 0.3801,
0.4814

45.6653, 0.3390,
0.3837

42.1735, 0.3860,
0.4997

46.6446, 0.3269,
0.3581

41.7178, 0.3895,
0.5138

47.7281, 0.3149,
0.3334


41.3268, 0.3904,
0.5235


48.9198, 0.3033,
0.3102

 41.0427, 0.3897,
0.5288

 50.2234, 0.2923,
0.2886

 51.6425, 0.2820,
0.2687

 53.1803, 0.2725,
0.2507

 53.6533, 0.2742,
0.2504

Harmonies

Analogous

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



44.0004, 0.4082, 0.4149



44.0004, 0.3620, 0.4354



44.0004, 0.3050, 0.4219

Triad

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



44.0004, 0.3620, 0.4354



44.0004, 0.2082, 0.2669



44.0004, 0.3712, 0.2876

Complementary

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



44.0004, 0.3620, 0.4354



17.9736, 0.2481, 0.2058

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.



44.0004, 0.3118, 0.2553



44.0004, 0.3620, 0.4354



44.0004, 0.2218, 0.2416

Square

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



44.0004, 0.3620, 0.4354



44.0004, 0.2187, 0.3143



44.0004, 0.2578, 0.2386



44.0004, 0.4160, 0.3300

Rectangle

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



44.0004, 0.3620, 0.4354



44.0004, 0.2688, 0.3928



44.0004, 0.2578, 0.2386



44.0004, 0.3519, 0.2754

Sweetspot

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



44.0024, 0.3620, 0.4354



84.2878, 0.3285, 0.3615



24.6473, 0.4107, 0.3476



18.0844, 0.3312, 0.3671



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.



44.0024, 0.3620, 0.4354



78.6165, 0.3710, 0.4572



40.3085, 0.3274, 0.4485



10.4243, 0.3238, 0.3518



28.3081, 0.3901, 0.5285



1.0186, 0.3981, 0.5221

Inverse Universe

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



17.9736, 0.2481, 0.2058



25.2598, 0.2310, 0.1756



21.2807, 0.2885, 0.2186



8.7907, 0.3010, 0.3056



2.6095, 0.1583, 0.0645



0.1148, 0.1805, 0.0768

Previews

White Background



This preview shows how the Yxy color 44.0004, 0.3620, 0.4354 looks on a white background.

Color Contrast Check

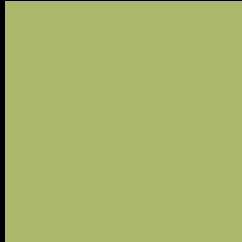
Large Text (above 18pt) WCAG AA × Fail

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 44.0004, 0.3620, 0.4354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

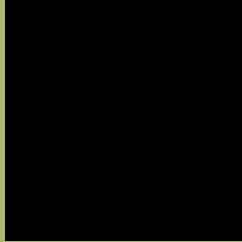
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0004, 0.3620, 0.4354

Background



This preview shows how black text looks on a background with the Yxy color 44.0004, 0.3620, 0.4354.



This preview shows how white text looks on a background with the Yxy color 44.0004, 0.3620, 0.4354.

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

44.0004, 0.3620, 0.4354

Protanopia

43.9131, 0.3898, 0.4230

Deuteranopia

43.7979, 0.4090, 0.4004



Tritanopia

43.7267, 0.3075, 0.3107

Trichromacy



Original Color

44.0004, 0.3620, 0.4354

Protanomaly

44.1015, 0.3797, 0.4280

Deuteranomaly

43.3820, 0.3914, 0.4122

Tritanomaly

43.6911, 0.3274, 0.3549

Monochromacy



Original Color

44.0004, 0.3620, 0.4354

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.8467, 0.3315, 0.3683

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0004, 0.3620, 0.4354 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(171, 184, 107)` looks like.

```
.text, #text, p{  
    color:rgb(171, 184, 107)  
}
```

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(171, 184, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 184, 107) }
```

Border

The CSS property to change the border of an element to Yxy 44.0004, 0.3620, 0.4354 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(171, 184, 107) }
```

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

```
.border{ border-color:rgb(171, 184, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 184, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 184, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 184, 107);  
box-shadow:4px 4px 4px 4px rgb(171, 184,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0004, 0.3620, 0.4354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 184, 107) }
```

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

```
.background{ background-color: rgb(171,  
184, 107) }
```

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