

Converting Colors

$Yxy(45.1644, 0.3396, 0.4045)$

Have a look what the booklet for
Yxy(45.1644, 0.3396, 0.4045)
contains.

Yxy(45.1086, 0.3396, 0.4045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.1086, 0.3396, 0.4045)

Conversions

Conversions Part 1

Format	Color
Hex	A8BA84
RGB	168, 186, 132
RGB Percent	66%, 73%, 52%
CMY	0.3412, 0.2706, 0.4824
CMYK	0.10, 0.00, 0.29, 0.27
HSL	80°, 28%, 62%
HSV	80°, 29%, 73%
XYZ	37.8712, 45.1086, 28.5372
YIQ	174.4620, 6.6060, -20.6100

Conversions

Conversions Part 2

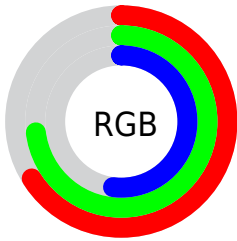
Format	Color
RYB	132, 186, 150
Decimal	11057796
CIELab	72.96, -15.54, 25.39
CIElCh	73, 29.770, 121.460
Yxy	45.1086, 0.3396, 0.4045
Android (android.graphics.Color)	4289247876 (0xFFA8BA84)
YUV	174.4620, -20.9338, -5.6672
Hunter-Lab	67.1629, -16.8844, 21.8220

Details

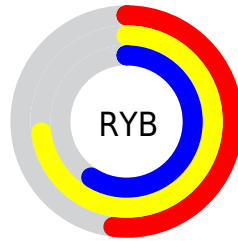
The Yxy color **45.1086, 0.3396, 0.4045** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.5300, 0.2795, 0.2497**, and the grayscale version is **42.6852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8543, 0.3357, 0.3904**, and **21.0291, 0.3454, 0.4278** is the 20% darker color. If you saturate the color by 10%, you get **43.9814, 0.3481, 0.4322**, and if you desaturate by 10%, it is **46.3630, 0.3305, 0.3773**.

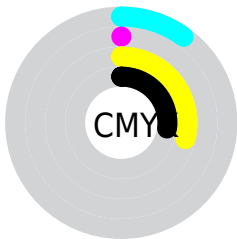
Distribution



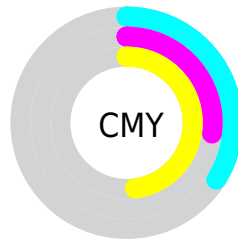
- Red (66%)
- Green (73%)
- Blue (52%)



- Red (52%)
- Yellow (73%)
- Blue (59%)



- Cyan (10%)
- Magenta (0%)
- Yellow (29%)
- Black (27%)




- Cyan (34%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1086, 0.3396, 0.4045 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 45.1086, 0.3396, 0.4045 by changing the saturation by 10% instead.


 45.1086, 0.3396,
0.4045


 45.1086, 0.3396,
0.4045


367.2132, 0.3269,
0.3655


 31.5430, 0.3425,
0.4145


 82.8834, 0.3352,
0.3901

 21.0127, 0.3460,
0.4276


 107.8613, 0.3334,
0.3848

 13.1333, 0.3502,
0.4452

 137.4121, 0.3320,
0.3803

 7.5204, 0.3551,
0.4700

171.9202, 0.3307,
0.3764

 3.7896, 0.3601,
0.5070

211.7699, 0.3295,
0.3732

 1.5566, 0.3895,
0.6105

257.3458, 0.3285,

 0.3281, 0.0000,

0.3703

1.0000

309.0321, 0.3277,
0.3678

0.0000, 0.0000,
0.0000

45.1086, 0.3396,
0.4045

45.1086, 0.3396,
0.4045

43.9814, 0.3481,
0.4322

46.3630, 0.3305,
0.3773

42.9702, 0.3555,
0.4594

47.7436, 0.3211,
0.3512

42.0713, 0.3612,
0.4850

49.2570, 0.3118,
0.3267

41.2783, 0.3650,
0.5077

50.9075, 0.3028,
0.3041

40.5841, 0.3663,
0.5265

52.6992, 0.2942,
0.2834

■ 39.9805, 0.3652,
0.5405

■ 54.6361, 0.2862,
0.2647

■ 39.4531, 0.3621,
0.5501

■ 56.2498, 0.2832,
0.2545

■ 39.4046, 0.3617,
0.5510

■ 57.1859, 0.2877,
0.2555

■ 58.1577, 0.2923,
0.2564

Harmonies

Analogous

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



45.1086, 0.3757, 0.3976



45.1086, 0.3396, 0.4045



45.1086, 0.2978, 0.3873

Triad

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



45.1086, 0.3396, 0.4045



45.1086, 0.2361, 0.2782



45.1086, 0.3646, 0.3065

Complementary

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



45.1086, 0.3396, 0.4045



26.5300, 0.2795, 0.2497

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.



45.1086, 0.3237, 0.2794



45.1086, 0.3396, 0.4045



45.1086, 0.2510, 0.2625

Square

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



45.1086, 0.3396, 0.4045



45.1086, 0.2397, 0.3098



45.1086, 0.2822, 0.2635



45.1086, 0.3915, 0.3399

Rectangle

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



45.1086, 0.3396, 0.4045



45.1086, 0.2724, 0.3643



45.1086, 0.2822, 0.2635



45.1086, 0.3519, 0.2965

Sweetspot

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



45.1106, 0.3396, 0.4045



86.5031, 0.3212, 0.3515



33.9173, 0.3689, 0.3542



18.9656, 0.3226, 0.3552



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



45.1106, 0.3396, 0.4045



80.3965, 0.3452, 0.4226



42.4483, 0.3162, 0.4103



10.3493, 0.3214, 0.3519



26.5505, 0.3625, 0.5504



0.9683, 0.3776, 0.5384

Inverse Universe

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



26.5300, 0.2795, 0.2497



41.1022, 0.2702, 0.2295



29.3934, 0.3067, 0.2558



8.8610, 0.3035, 0.3057



3.1115, 0.1757, 0.0742



0.1444, 0.2066, 0.0912

Previews

White Background



This preview shows how the Yxy color 45.1086, 0.3396, 0.4045 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 45.1086, 0.3396, 0.4045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

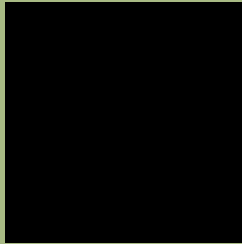
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

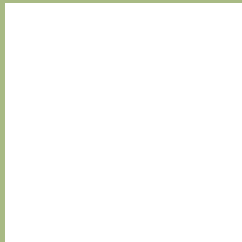
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.1086, 0.3396, 0.4045

Background



This preview shows how black text looks on a background with the Yxy color 45.1086, 0.3396, 0.4045.



This preview shows how white text looks on a background with the Yxy color 45.1086, 0.3396, 0.4045.

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

45.1086, 0.3396, 0.4045

Protanopia

45.0316, 0.3665, 0.3946

Deuteranopia

44.7240, 0.3827, 0.3737



Tritanopia

44.8767, 0.3000, 0.3106

Trichromacy



Original Color

45.1086, 0.3396, 0.4045

Protanomaly

45.1349, 0.3561, 0.3990

Deuteranomaly

44.3740, 0.3662, 0.3839

Tritanomaly

44.8343, 0.3146, 0.3439

Monochromacy



Original Color

45.1086, 0.3396, 0.4045

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.1146, 0.3229, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1086, 0.3396, 0.4045 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(168, 186, 132)` looks like.

```
.text, #text, p{  
    color:rgb(168, 186, 132)  
}
```

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(168, 186, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 186, 132) }
```

Border

The CSS property to change the border of an element to Yxy 45.1086, 0.3396, 0.4045 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(168, 186, 132) }
```

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

```
.border{ border-color:rgb(168, 186, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 186, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 186, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 186, 132);  
box-shadow:4px 4px 4px 4px rgb(168, 186,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1086, 0.3396, 0.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 186, 132) }
```

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

```
.background{ background-color: rgb(168,  
186, 132) }
```

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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