

Converting Colors

$Yxy(44.4663, 0.3107, 0.4510)$

Have a look what the booklet for
Yxy(44.4663, 0.3107, 0.4510)
contains.

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Color

Yxy(44.3561, 0.3105, 0.4509)

Conversions

Conversions Part 1

Format	Color
Hex	79C374
RGB	121, 195, 116
RGB Percent	47%, 76%, 45%
CMY	0.5258, 0.2352, 0.5451
CMYK	0.38, 0.00, 0.41, 0.24
HSL	116°, 40%, 61%
HSV	116°, 41%, 76%
XYZ	30.5446, 44.3561, 23.4716
YIQ	163.8680, -18.7450, -40.2570

Conversions

Conversions Part 2

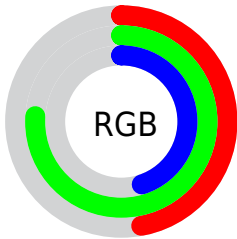
Format	Color
RYB	116, 195, 190
Decimal	7979892
CIELab	72.47, -38.84, 32.61
CIELCh	72, 50.712, 139.984
Yxy	44.3561, 0.3105, 0.4509
Android (android.graphics.Color)	4286169972 (0xFF79C374)
YUV	163.8680, -23.5989, -37.5952
Hunter-Lab	66.6004, -34.6860, 25.7250

Details

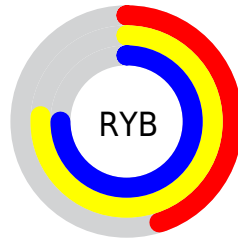
The Yxy color **44.3561, 0.3105, 0.4509** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **27.3873, 0.3121, 0.2288**, and the grayscale version is **37.1724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7155, 0.3123, 0.4262**, and **20.6364, 0.3059, 0.4923** is the 20% darker color. If you saturate the color by 10%, you get **42.7536, 0.3093, 0.4860**, and if you desaturate by 10%, it is **46.3079, 0.3114, 0.4167**.

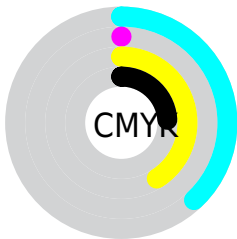
Distribution



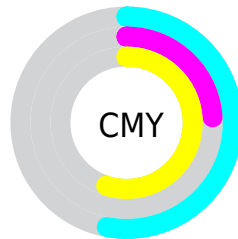
- Red (47%)
- Green (76%)
- Blue (45%)



- Red (45%)
- Yellow (76%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (41%)
- Black (24%)





- Cyan (53%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3561, 0.3105, 0.4509 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 44.3561, 0.3105, 0.4509 by changing the saturation by 10% instead.


 44.3561, 0.3105,
0.4509


 44.3561, 0.3105,
0.4509


364.1594, 0.3139,
0.3858


 30.9506, 0.3087,
0.4683


 81.7533, 0.3124,
0.4263

 20.5612, 0.3058,
0.4913


 106.5138, 0.3129,
0.4174

 12.8036, 0.3008,
0.5229

 135.8280, 0.3133,
0.4099

 7.2935, 0.2914,
0.5683

170.0804, 0.3135,
0.4036

 3.6463, 0.2764,
0.6476

209.6554, 0.3137,
0.3982

 1.4777, 0.1975,
0.8025

254.9372, 0.3138,

 0.2730, 0.0000,

0.3935

1.0000

306.3105, 0.3139,
0.3894

0.0000, 0.0000,
0.0000

44.3561, 0.3105,
0.4509

44.3561, 0.3105,
0.4509

42.7536, 0.3093,
0.4860

46.3079, 0.3114,
0.4167

41.4746, 0.3078,
0.5200

48.6219, 0.3121,
0.3847

40.4987, 0.3061,
0.5504


51.3172, 0.3125,
0.3559


39.8007, 0.3042,
0.5745

54.4100, 0.3127,
0.3302


39.3514, 0.3025,
0.5906

57.9155, 0.3128,
0.3079

 39.1169, 0.3013,
0.5990

 61.8480, 0.3128,
0.2885

 66.2214, 0.3127,
0.2717

 67.5174, 0.3155,
0.2703

Harmonies

Analogous

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



44.3561, 0.3791, 0.4586



44.3561, 0.3105, 0.4509



44.3561, 0.2461, 0.3946

Triad

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



44.3561, 0.3105, 0.4509



44.3561, 0.1999, 0.2256



44.3561, 0.4349, 0.3214

Complementary

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



44.3561, 0.3105, 0.4509



27.3873, 0.3121, 0.2288

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.



44.3561, 0.3753, 0.2729



44.3561, 0.3105, 0.4509



44.3561, 0.2388, 0.2199

Square

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



44.3561, 0.3105, 0.4509



44.3561, 0.1875, 0.2579



44.3561, 0.3014, 0.2370



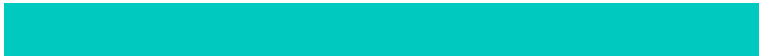
44.3561, 0.4559, 0.3750

Rectangle

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



44.3561, 0.3105, 0.4509



44.3561, 0.2142, 0.3434



44.3561, 0.3014, 0.2370



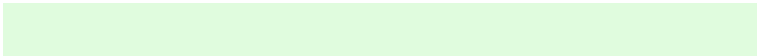
44.3561, 0.4184, 0.3043

Sweetspot

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



44.3580, 0.3105, 0.4509



91.0411, 0.3124, 0.3604



49.5828, 0.3750, 0.4224



19.7907, 0.3124, 0.3642



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



44.3580, 0.3105, 0.4509



76.7563, 0.3094, 0.4834



44.9595, 0.2850, 0.3974



11.2882, 0.3125, 0.3527



25.4323, 0.3016, 0.5988



1.1094, 0.3074, 0.5941

Inverse Universe

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



27.3873, 0.3121, 0.2288



42.0542, 0.3115, 0.2078



26.6584, 0.3562, 0.2700



10.2145, 0.3128, 0.3062



9.1035, 0.3055, 0.1456



0.4032, 0.3091, 0.1477

Previews

White Background



This preview shows how the Yxy color 44.3561, 0.3105, 0.4509 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 44.3561, 0.3105, 0.4509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

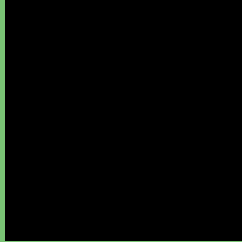
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3561, 0.3105, 0.4509

Background



This preview shows how black text looks on a background with the Yxy color 44.3561, 0.3105, 0.4509.



This preview shows how white text looks on a background with the Yxy color 44.3561, 0.3105, 0.4509.

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

44.3561, 0.3105, 0.4509

Protanopia

43.8859, 0.3849, 0.4173

Deuteranopia

43.6300, 0.3955, 0.3872



Tritanopia

44.1864, 0.2655, 0.3080

Trichromacy



Original Color

44.3561, 0.3105, 0.4509



Protanomaly

43.6663, 0.3546, 0.4301



Deuteranomaly

42.6618, 0.3610, 0.4088



Tritanomaly

44.0851, 0.2822, 0.3584

Monochromacy



Original Color

44.3561, 0.3105, 0.4509



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

39.0624, 0.3116, 0.3710

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3561, 0.3105, 0.4509 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(121, 195, 116)` looks like.

```
.text, #text, p{  
    color:rgb(121, 195, 116)  
}
```

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(121, 195, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 195, 116) }
```

Border

The CSS property to change the border of an element to Yxy 44.3561, 0.3105, 0.4509 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(121, 195, 116) }
```

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

```
.border{ border-color:rgb(121, 195, 116) }
```

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

Here you see how a box with a 4 pixel rgb(121, 195, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 195, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 195, 116);  
box-shadow:4px 4px 4px 4px rgb(121, 195,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3561, 0.3105, 0.4509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 195, 116) }
```

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

```
.background{ background-color: rgb(121,  
195, 116) }
```

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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