

Converting Colors

$Y_{xy}(11.2801, 0.4095, 0.5097)$

Have a look what the booklet for
Yxy(11.2801, 0.4095, 0.5097)
contains.

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Color

Yxy(11.3099, 0.4098, 0.5096)

Conversions

Conversions Part 1

Format	Color
Hex	5E6303
RGB	94, 99, 3
RGB Percent	37%, 39%, 1%
CMY	0.6313, 0.6118, 0.9884
CMYK	0.05, 0.00, 0.97, 0.61
HSL	63°, 94%, 20%
HSV	63°, 97%, 39%
XYZ	9.0950, 11.3099, 1.7888
YIQ	86.5610, 27.8360, -30.9160

Conversions

Conversions Part 2

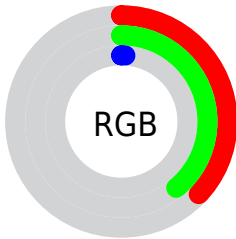
Format	Color
R_YB	3, 99, 8
Decimal	6185731
CIE Lab	40.10, -13.10, 45.88
CIE LCh	40, 47.712, 105.942
Yxy	11.3099, 0.4098, 0.5096
Android (android.graphics.Color)	4284375811 (0xFF5E6303)
YUV	86.5610, -41.1956, 6.5240
Hunter-Lab	33.6302, -10.5792, 20.3875

Details

The Yxy color **11.3099, 0.4098, 0.5096** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.0167, 0.1561, 0.0666**, and the grayscale version is **9.5171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3420, 0.3921, 0.4678**, and **3.0817, 0.3941, 0.5253** is the 20% darker color. If you saturate the color by 10%, you get **11.2958, 0.4108, 0.5120**, and if you desaturate by 10%, it is **11.3599, 0.4064, 0.5016**.

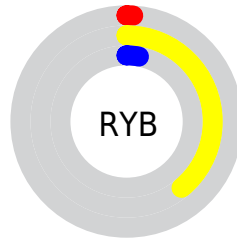
Distribution



Red (37%)

Green (39%)

Blue (1%)



Red (1%)

Yellow (39%)

Blue (3%)

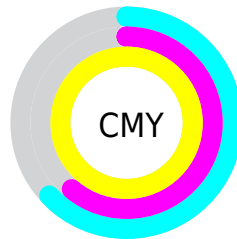


Cyan (5%)

Magenta (0%)

Yellow (97%)

Black (61%)



Cyan (63%)


Magenta (61%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3099, 0.4098, 0.5096 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 11.3099, 0.4098, 0.5096 by changing the saturation by 10% instead.


 11.3099, 0.4098,
0.5096


 11.3099, 0.4098,
0.5096


 199.7815, 0.3587,
0.4019


 6.2757, 0.4206,
0.5430


 28.2318, 0.3929,
0.4672


 3.0134, 0.4220,
0.5780

 40.8883, 0.3857,
0.4520


 1.1387, 0.3947,
0.6053

 56.8543, 0.3794,
0.4396

 0.0108, 0.0000,
1.0000


 76.5143, 0.3740,
0.4294


 0.0000, 0.0000,
0.0000


 100.2526, 0.3694,
0.4208


 128.4536, 0.3653,


0.4135


 161.5018, 0.3618,
0.4073


 11.3099, 0.4098,
0.5096


 11.3099, 0.4098,
0.5096


 11.2958, 0.4108,
0.5120

 11.3599, 0.4064,
0.5016

 11.4196, 0.4013,
0.4908

 11.4943, 0.3940,
0.4762

 11.5855, 0.3846,
0.4584

 11.6944, 0.3736,
0.4379

■ 11.8223, 0.3613,
0.4155

■ 11.9702, 0.3483,
0.3920

■ 12.1392, 0.3350,
0.3683

■ 12.3301, 0.3218,
0.3449

Harmonies

Analogous

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



11.3099, 0.4865, 0.4448



11.3099, 0.4098, 0.5096



11.3099, 0.3146, 0.5237

Triad

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



11.3099, 0.4098, 0.5096



11.3099, 0.1414, 0.2317



11.3099, 0.3886, 0.2418

Complementary

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



11.3099, 0.4098, 0.5096



1.0167, 0.1561, 0.0666

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.



11.3099, 0.2800, 0.1979



11.3099, 0.4098, 0.5096



11.3099, 0.1536, 0.1873

Square

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



11.3099, 0.4098, 0.5096



11.3099, 0.1631, 0.3226



11.3099, 0.1987, 0.1785



11.3099, 0.4844, 0.3027

Rectangle

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



11.3099, 0.4098, 0.5096



11.3099, 0.2519, 0.4810



11.3099, 0.1987, 0.1785



11.3099, 0.3512, 0.2248

Sweetspot

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



11.3104, 0.4098, 0.5096



20.4590, 0.3521, 0.3987



2.8279, 0.6224, 0.3355



4.8452, 0.3559, 0.4056



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



11.3104, 0.4098, 0.5096



19.3641, 0.4106, 0.5122



9.5153, 0.3350, 0.5679



2.9630, 0.3242, 0.3492



14.7194, 0.4107, 0.5121



78.5142, 0.4101, 0.5125

Inverse Universe

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



1.0167, 0.1561, 0.0666



1.5881, 0.1525, 0.0614



1.7999, 0.2212, 0.1020



2.5215, 0.3007, 0.3081



1.2119, 0.1529, 0.0616



6.3549, 0.1512, 0.0606

Previews

White Background



This preview shows how the Yxy color 11.3099, 0.4098, 0.5096 looks on a white background.

Color Contrast Check

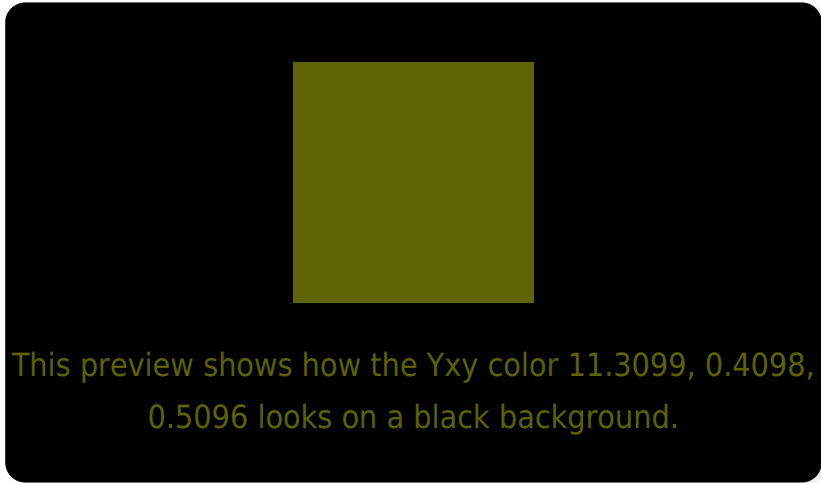
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

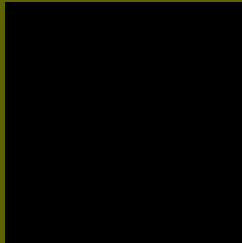
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3099, 0.4098, 0.5096

Background



This preview shows how black text looks on a background with the Yxy color 11.3099, 0.4098, 0.5096.



This preview shows how white text looks on a background with the Yxy color 11.3099, 0.4098, 0.5096.

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

11.3099, 0.4098, 0.5096

Protanopia

11.3102, 0.4394, 0.4893

Deuteranopia

11.2717, 0.4599, 0.4564



Tritanopia

11.3218, 0.3166, 0.3132

Trichromacy



Original Color

11.3099, 0.4098, 0.5096

Protanomaly

11.1927, 0.4289, 0.4966

Deuteranomaly

11.1679, 0.4428, 0.4753

Tritanomaly

11.1513, 0.3633, 0.4029

Monochromacy



Original Color

11.3099, 0.4098, 0.5096

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.9414, 0.3641, 0.4174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3099, 0.4098, 0.5096 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(94, 99, 3)` looks like.

```
.text, #text, p{  
    color:rgb(94, 99, 3)  
}
```

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(94, 99, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 99, 3) }
```

Border

The CSS property to change the border of an element to Yxy 11.3099, 0.4098, 0.5096 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(94, 99, 3) }
```

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

```
.border{ border-color:rgb(94, 99, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 99, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 99, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 99, 3); box-shadow:4px  
4px 4px 4px rgb(94, 99, 3) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3099, 0.4098, 0.5096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 99, 3) }
```

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

```
.background{ background-color: rgb(94, 99,  
3) }
```

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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