

Converting Colors

$Y_{xy}(11.0398, 0.6010, 0.3610)$

Have a look what the booklet for
Yxy(11.0398, 0.6010, 0.3610)
contains.

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Color

Yxy(10.9981, 0.6007, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	AD3000
RGB	173, 48, 0
RGB Percent	68%, 19%, 0%
CMY	0.3216, 0.8117, 0.9998
CMYK	0.00, 0.72, 1.00, 0.32
HSL	17°, 100%, 34%
HSV	17°, 100%, 68%
XYZ	18.2906, 10.9981, 1.1601
YIQ	79.9030, 89.9080, 11.5720

Conversions

Conversions Part 2

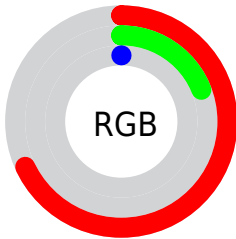
Format	Color
RYB	173, 66, 0
Decimal	11350016
CIELab	39.58, 49.11, 51.81
CIElCh	40, 71.391, 46.534
Yxy	10.9981, 0.6007, 0.3612
Android (android.graphics.Color)	4289540096 (0xFFAD3000)
YUV	79.9030, -39.3922, 81.6461
Hunter-Lab	33.1634, 40.4121, 21.1403

Details

The Yxy color **10.9981, 0.6007, 0.3612** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **17.6938, 0.1991, 0.2367**, and the grayscale version is **8.0691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5927, 0.5391, 0.3720**, and **3.3795, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.9959, 0.6008, 0.3612**, and if you desaturate by 10%, it is **12.2111, 0.5735, 0.3690**.

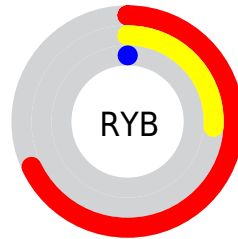
Distribution



Red (68%)

Green (19%)

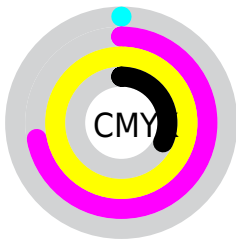
Blue (0%)



Red (68%)

Yellow (26%)

Blue (0%)

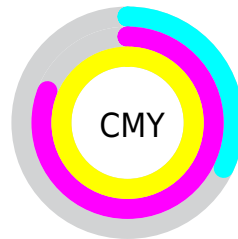


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (81%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9981, 0.6007, 0.3612 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 10.9981, 0.6007, 0.3612 by changing the saturation by 10% instead.


 10.9981, 0.6007,
0.3612


 10.9981, 0.6007,
0.3612


 197.6545, 0.4356,
0.3655

 6.0656, 0.6499,
0.3501


 27.6567, 0.5392,
0.3722


 2.8850, 0.6863,
0.3137


 40.1515, 0.5159,
0.3731


 1.0720, 0.7416,
0.2584

 55.9358, 0.4966,
0.3727

 0.0000, 1.0000,
0.0000

 75.3941, 0.4803,
0.3716


 0.0000, 0.0000,
0.0000


 98.9107, 0.4665,
0.3702


 126.8701, 0.4547,


0.3686


 159.6565, 0.4445,
0.3671


 10.9981, 0.6007,
0.3612


 10.9981, 0.6007,
0.3612


 10.9959, 0.6008,
0.3612

 12.2111, 0.5735,
0.3690

 13.7701, 0.5403,
0.3736

 15.7100, 0.5032,
0.3739

 18.0555, 0.4658,
0.3708

 20.8292, 0.4307,
0.3652

■ 24.0519, 0.3993,
0.3582

■ 27.7429, 0.3720,
0.3507

■ 31.9203, 0.3488,
0.3431

■ 36.6013, 0.3292,
0.3358

Harmonies

Analogous

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



10.9981, 0.5686, 0.2815



10.9981, 0.6007, 0.3612



10.9981, 0.5376, 0.4624

Triad

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



10.9981, 0.6007, 0.3612



10.9981, 0.1741, 0.5115



10.9981, 0.1576, 0.1299

Complementary

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



10.9981, 0.6007, 0.3612



17.6938, 0.1991, 0.2367

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.



10.9981, 0.1042, 0.1360



10.9981, 0.6007, 0.3612



10.9981, 0.1055, 0.3044

Square

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



10.9981, 0.6007, 0.3612



10.9981, 0.2889, 0.6315



10.9981, 0.0875, 0.1832



10.9981, 0.2640, 0.1544

Rectangle

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



10.9981, 0.6007, 0.3612



10.9981, 0.4615, 0.5385



10.9981, 0.0875, 0.1832



10.9981, 0.1349, 0.1284

Sweetspot

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



10.9988, 0.6007, 0.3612



49.3006, 0.3734, 0.3511



10.4142, 0.4018, 0.1987



10.1112, 0.3841, 0.3542



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



10.9988, 0.6007, 0.3612



19.3815, 0.6037, 0.3589



25.5616, 0.4673, 0.4671



8.3634, 0.3280, 0.3354



8.1631, 0.5989, 0.3627



0.3197, 0.5397, 0.4096

Inverse Universe

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



17.6938, 0.1991, 0.2367



31.3044, 0.1986, 0.2350



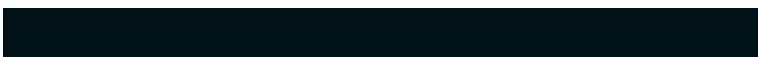
4.5622, 0.1573, 0.0863



8.6908, 0.2986, 0.3226



13.0959, 0.1994, 0.2378



0.4498, 0.2080, 0.2686

Previews

White Background



This preview shows how the Yxy color 10.9981, 0.6007, 0.3612 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 10.9981, 0.6007, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 10.9981, 0.6007, 0.3612.



This preview shows how white text looks on a background with the Yxy color 10.9981, 0.6007, 0.3612.

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

10.9981, 0.6007, 0.3612

Protanopia

11.2956, 0.4282, 0.4764

Deuteranopia

11.2343, 0.4679, 0.4667



Tritanopia

11.0727, 0.5607, 0.3287

Trichromacy



Original Color

10.9981, 0.6007, 0.3612

Protanomaly

10.2211, 0.5018, 0.4276

Deuteranomaly

10.5211, 0.5261, 0.4205

Tritanomaly

11.0414, 0.5828, 0.3450

Monochromacy



Original Color

10.9981, 0.6007, 0.3612

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

7.9507, 0.4423, 0.3661

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9981, 0.6007, 0.3612 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(173, 48, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 48, 0)  
}
```

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(173, 48, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 48, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.9981, 0.6007, 0.3612 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(173, 48, 0) }
```

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

```
.border{ border-color:rgb(173, 48, 0) }
```

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

Here you see how a box with a 4 pixel rgb(173, 48, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 48, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 48, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 48, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.9981, 0.6007, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 48, 0) }
```

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

```
.background{ background-color: rgb(173, 48,  
0) }
```

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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