

Converting Colors

$Y_{xy}(10.9706, 0.5720, 0.3840)$

Have a look what the booklet for
Yxy(10.9706, 0.5720, 0.3840)
contains.

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Color

Yxy(11.0223, 0.5720, 0.3840)

Conversions

Conversions Part 1

Format	Color
Hex	A13E00
RGB	161, 62, 0
RGB Percent	63%, 24%, 0%
CMY	0.3687, 0.7568, 0.9999
CMYK	0.00, 0.61, 1.00, 0.37
HSL	23°, 100%, 32%
HSV	23°, 100%, 63%
XYZ	16.4186, 11.0223, 1.2630
YIQ	84.5330, 78.9060, 1.7060

Conversions

Conversions Part 2

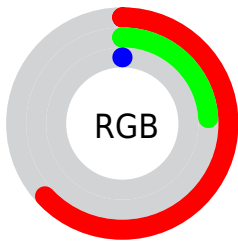
Format	Color
R_{YB}	161, 101, 0
Decimal	10567168
CIE Lab	39.62, 38.73, 50.62
CIE LCh	40, 63.738, 52.579
Yxy	11.0223, 0.5720, 0.3840
Android (android.graphics.Color)	4288757248 (0xFFA13E00)
YUV	84.5330, -41.6748, 67.0616
Hunter-Lab	33.1998, 30.1756, 20.9844

Details

The Yxy color **11.0223, 0.5720, 0.3840** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.4961, 0.1886, 0.1991**, and the grayscale version is **9.0600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7646, 0.5163, 0.3874**, and **2.8970, 0.6315, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **11.0208, 0.5720, 0.3840**, and if you desaturate by 10%, it is **12.2374, 0.5465, 0.3910**.

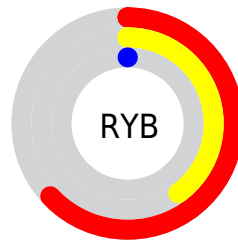
Distribution



Red (63%)

Green (24%)

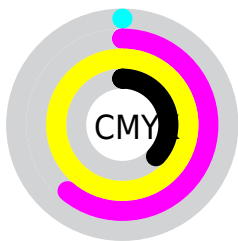
Blue (0%)



Red (63%)

Yellow (40%)

Blue (0%)

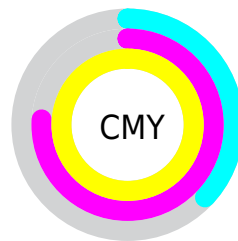


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (37%)



Cyan (37%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 11.0223, 0.5720, 0.3840 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 11.0223, 0.5720, 0.3840 by changing the saturation by 10% instead.


 11.0223, 0.5720,
0.3840


 11.0223, 0.5720,
0.3840


 197.8205, 0.4226,
0.3715

 6.0818, 0.6186,
0.3795

 27.7014, 0.5159,
0.3875

 2.8949, 0.6512,
0.3488

 40.2088, 0.4949,
0.3859


 1.0771, 0.7008,
0.2992

 56.0074, 0.4774,
0.3836

 0.0000, 1.0000,
0.0000


 75.4814, 0.4627,
0.3811


 0.0000, 0.0000,
0.0000


 99.0153, 0.4503,
0.3785


 126.9936, 0.4397,

0.3760


 159.8005, 0.4306,
0.3737


 11.0223, 0.5720,
0.3840


 11.0223, 0.5720,
0.3840


 11.0208, 0.5720,
0.3840

 12.2374, 0.5465,
0.3910

 13.6880, 0.5172,
0.3941

 15.3966, 0.4852,
0.3924

 17.3775, 0.4529,
0.3869

 19.6434, 0.4222,
0.3787

■ 22.2063, 0.3942,
0.3690

■ 25.0772, 0.3693,
0.3587

■ 28.2667, 0.3475,
0.3484

■ 31.7847, 0.3288,
0.3384

Harmonies

Analogous

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



11.0223, 0.5588, 0.3043



11.0223, 0.5720, 0.3840



11.0223, 0.5047, 0.4798

Triad

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



11.0223, 0.5720, 0.3840



11.0223, 0.1716, 0.4522



11.0223, 0.1858, 0.1460

Complementary

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



11.0223, 0.5720, 0.3840



11.4961, 0.1886, 0.1991

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.



11.0223, 0.1253, 0.1464



11.0223, 0.5720, 0.3840



11.0223, 0.1146, 0.2808

Square

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



11.0223, 0.5720, 0.3840



11.0223, 0.2749, 0.5892



11.0223, 0.1029, 0.1837



11.0223, 0.2962, 0.1754

Rectangle

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



11.0223, 0.5720, 0.3840



11.0223, 0.4335, 0.5454



11.0223, 0.1029, 0.1837



11.0223, 0.1606, 0.1428

Sweetspot

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



11.0229, 0.5720, 0.3840



44.6049, 0.3706, 0.3593



8.4826, 0.4456, 0.2229



9.3259, 0.3801, 0.3634



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



11.0229, 0.5720, 0.3840



19.3851, 0.5752, 0.3815



26.9835, 0.4412, 0.4879



7.5124, 0.3276, 0.3377



8.8778, 0.5706, 0.3852



0.2764, 0.5067, 0.4359

Inverse Universe

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



11.4961, 0.1886, 0.1991



20.1959, 0.1879, 0.1965



3.0322, 0.1527, 0.0695



7.5508, 0.2987, 0.3201



9.2620, 0.1890, 0.2002



0.2820, 0.2034, 0.2523

Previews

White Background



This preview shows how the Yxy color 11.0223, 0.5720, 0.3840 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 11.0223, 0.5720, 0.3840

Background



This preview shows how black text looks on a background with the Yxy color 11.0223, 0.5720, 0.3840.



This preview shows how white text looks on a background with the Yxy color 11.0223, 0.5720, 0.3840.

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

11.0223, 0.5720, 0.3840

Protanopia

11.2860, 0.4301, 0.4792

Deuteranopia

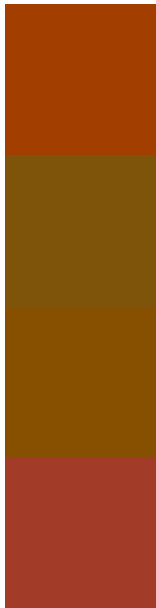
11.2343, 0.4679, 0.4667



Tritanopia

11.0444, 0.5085, 0.3254

Trichromacy



Original Color

11.0223, 0.5720, 0.3840

Protanomaly

10.6440, 0.4873, 0.4413

Deuteranomaly

10.8057, 0.5096, 0.4336

Tritanomaly

10.9558, 0.5441, 0.3542

Monochromacy



Original Color

11.0223, 0.5720, 0.3840

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.0848, 0.4234, 0.3797

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0223, 0.5720, 0.3840 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(161, 62, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 62, 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(161, 62, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 62, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.0223, 0.5720, 0.3840 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(161, 62, 0) }
```

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

```
.border{ border-color:rgb(161, 62, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 62, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 62, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 62, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 62, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0223, 0.5720, 0.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 62, 0) }
```

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

```
.background{ background-color: rgb(161, 62,  
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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