

Converting Colors

$Y_{xy}(11.1091, 0.5671, 0.3738)$

Have a look what the booklet for
Yxy(11.1091, 0.5671, 0.3738)
contains.

Yxy(11.0557, 0.5679, 0.3734)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.0557, 0.5679, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	A33C10
RGB	163, 60, 16
RGB Percent	64%, 24%, 6%
CMY	0.3608, 0.7647, 0.9372
CMYK	0.00, 0.63, 0.90, 0.36
HSL	18°, 82%, 35%
HSV	18°, 90%, 64%
XYZ	16.8145, 11.0557, 1.7380
YIQ	85.7810, 75.5120, 8.1520

Conversions

Conversions Part 2

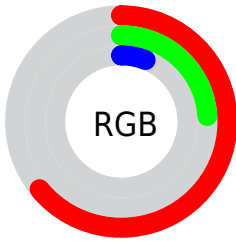
Format	Color
RYB	163, 79, 16
Decimal	10697744
CIELab	39.67, 40.71, 45.63
CIElCh	40, 61.153, 48.263
Yxy	11.0557, 0.5679, 0.3734
Android (android.graphics.Color)	4288887824 (0xFFA33C10)
YUV	85.7810, -34.4020, 67.7211
Hunter-Lab	33.2501, 32.0793, 20.1760

Details

The Yxy color **11.0557, 0.5679, 0.3734** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15.9498, 0.2022, 0.2402**, and the grayscale version is **9.3199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5978, 0.5097, 0.3763**, and **2.9053, 0.6387, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **9.9660, 0.5947, 0.3660**, and if you desaturate by 10%, it is **12.4535, 0.5354, 0.3778**.

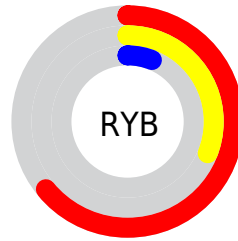
Distribution



Red (64%)

Green (24%)

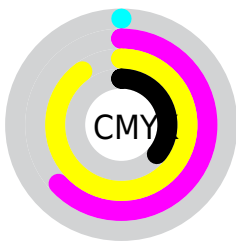
Blue (6%)



Red (64%)

Yellow (31%)

Blue (6%)

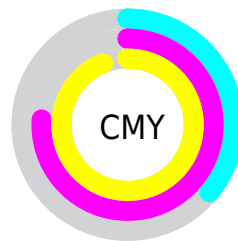


Cyan (0%)

Magenta (63%)

Yellow (90%)

Black (36%)



Cyan (36%)


Magenta (76%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0557, 0.5679, 0.3734 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 11.0557, 0.5679, 0.3734 by changing the saturation by 10% instead.


 11.0557, 0.5679,
0.3734


 11.0557, 0.5679,
0.3734


198.0493, 0.4182,
0.3644


 6.1043, 0.6110,
0.3658

 27.7631, 0.5100,
0.3771


 2.9086, 0.6579,
0.3421

 40.2879, 0.4890,
0.3759


 1.0842, 0.7087,
0.2913

 56.1060, 0.4717,
0.3741

 0.0000, 1.0000,
0.0000


 75.6018, 0.4573,
0.3721


 0.0000, 0.0000,
0.0000


 99.1596, 0.4451,
0.3701


 127.1638, 0.4348,


0.3681


 159.9989, 0.4259,
0.3662


 11.0557, 0.5679,
0.3734


 11.0557, 0.5679,
0.3734


 9.9660, 0.5947,
0.3660

 12.4535, 0.5354,
0.3778

 14.1683, 0.4994,
0.3777

 16.2205, 0.4631,
0.3741

 18.6281, 0.4290,
0.3680

 21.4077, 0.3984,
0.3605

■ 24.5749, 0.3717,
0.3524

■ 28.1440, 0.3488,
0.3443

■ 32.1291, 0.3294,
0.3365

■ 36.5430, 0.3130,
0.3291

Harmonies

Analogous

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



11.0557, 0.5389, 0.2959



11.0557, 0.5679, 0.3734



11.0557, 0.5121, 0.4630

Triad

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



11.0557, 0.5679, 0.3734



11.0557, 0.1895, 0.4717



11.0557, 0.1787, 0.1493

Complementary

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



11.0557, 0.5679, 0.3734



15.9498, 0.2022, 0.2402

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.



11.0557, 0.1252, 0.1545



11.0557, 0.5679, 0.3734



11.0557, 0.1257, 0.3036

Square

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



11.0557, 0.5679, 0.3734



11.0557, 0.2947, 0.5838



11.0557, 0.1079, 0.1984



11.0557, 0.2788, 0.1740

Rectangle

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



11.0557, 0.5679, 0.3734



11.0557, 0.4473, 0.5264



11.0557, 0.1079, 0.1984



11.0557, 0.1562, 0.1475

Sweetspot

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



11.0563, 0.5679, 0.3734



45.6513, 0.3652, 0.3502



9.5469, 0.3961, 0.2015



9.8104, 0.3731, 0.3529



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



11.0563, 0.5679, 0.3734



17.5388, 0.5979, 0.3635



24.0986, 0.4545, 0.4693



7.4155, 0.3278, 0.3358



7.8162, 0.5931, 0.3673



0.2431, 0.5265, 0.4202

Inverse Universe

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



15.9498, 0.2022, 0.2402



26.0104, 0.1965, 0.2274



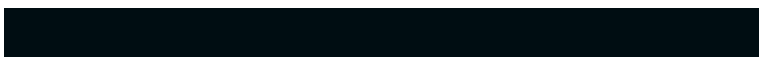
4.8566, 0.1644, 0.1014



7.6516, 0.2987, 0.3221



11.5276, 0.1973, 0.2304



0.3186, 0.2084, 0.2703

Previews

White Background



This preview shows how the Yxy color 11.0557, 0.5679, 0.3734 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



This preview shows how the Yxy color 11.0557, 0.5679, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

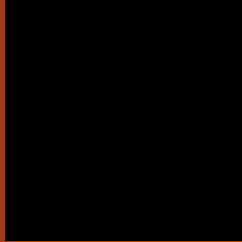
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0557, 0.5679, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 11.0557, 0.5679, 0.3734.



This preview shows how white text looks on a background with the Yxy color 11.0557, 0.5679, 0.3734.

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

11.0557, 0.5679, 0.3734

Protanopia

11.3188, 0.4238, 0.4697

Deuteranopia

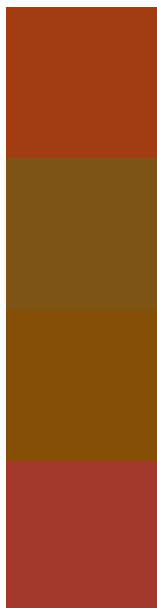
11.2343, 0.4679, 0.4667



Tritanopia

11.0366, 0.5167, 0.3256

Trichromacy



Original Color

11.0557, 0.5679, 0.3734

Protanomaly

10.6045, 0.4824, 0.4294

Deuteranomaly

10.7560, 0.5098, 0.4277

Tritanomaly

10.9932, 0.5428, 0.3468

Monochromacy



Original Color

11.0557, 0.5679, 0.3734

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.2221, 0.4124, 0.3645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0557, 0.5679, 0.3734 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(163, 60, 16)` looks like.

```
.text, #text, p{  
    color:rgb(163, 60, 16)  
}
```

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(163, 60, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 60, 16) }
```

Border

The CSS property to change the border of an element to Yxy 11.0557, 0.5679, 0.3734 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(163, 60, 16) }
```

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

```
.border{ border-color:rgb(163, 60, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 60, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 60, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 60, 16);  
box-shadow:4px 4px 4px 4px rgb(163, 60,  
16) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0557, 0.5679, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 60, 16) }
```

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

```
.background{ background-color: rgb(163, 60,  
16) }
```

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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