

Converting Colors

$Y_{xy}(11.0447, 0.4855, 0.3310)$

Have a look what the booklet for
Yxy(11.0447, 0.4855, 0.3310)
contains.

Yxy(11.0208, 0.4849, 0.3311)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.0208, 0.4849, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	9A4140
RGB	154, 65, 64
RGB Percent	60%, 25%, 25%
CMY	0.3961, 0.7450, 0.7491
CMYK	0.00, 0.58, 0.58, 0.40
HSL	1°, 41%, 43%
HSV	1°, 58%, 60%
XYZ	16.1401, 11.0208, 6.1245
YIQ	91.4970, 53.3650, 18.5570

Conversions

Conversions Part 2

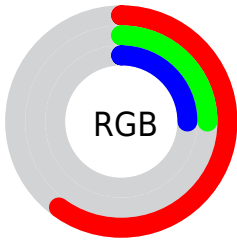
Format	Color
RYB	154, 65, 64
Decimal	10109248
CIELab	39.62, 37.16, 19.26
CIElCh	40, 41.853, 27.397
Yxy	11.0208, 0.4849, 0.3311
Android (android.graphics.Color)	4288299328 (0xFF9A4140)
YUV	91.4970, -13.5560, 54.8151
Hunter-Lab	33.1976, 28.6878, 12.3001

Details

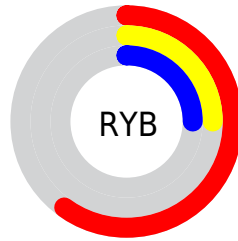
The Yxy color **11.0208, 0.4849, 0.3311** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **26.1896, 0.2412, 0.3269**, and the grayscale version is **10.6044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6577, 0.4390, 0.3343**, and **2.9175, 0.5730, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **9.3508, 0.5315, 0.3313**, and if you desaturate by 10%, it is **13.2114, 0.4416, 0.3308**.

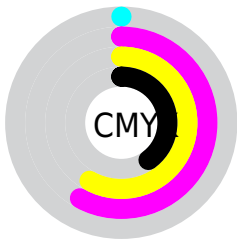
Distribution



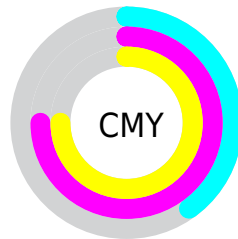
- Red (60%)
- Green (25%)
- Blue (25%)



- Red (60%)
- Yellow (25%)
- Blue (25%)



- Cyan (0%)
- Magenta (58%)
- Yellow (58%)
- Black (40%)




- Cyan (40%)
- Magenta (75%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0208, 0.4849, 0.3311 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 11.0208, 0.4849, 0.3311 by changing the saturation by 10% instead.


 11.0208, 0.4849,
0.3311


 11.0208, 0.4849,
0.3311


197.8102, 0.3782,
0.3348


 6.0808, 0.5210,
0.3261

 27.6986, 0.4398,
0.3347


 2.8943, 0.5739,
0.3151

 40.2053, 0.4249,
0.3352


 1.0768, 0.6941,
0.3059

 56.0029, 0.4130,
0.3354

 0.0000, 1.0000,
0.0000

 75.4760, 0.4034,
0.3354

 0.0000, 0.0000,
0.0000

 99.0088, 0.3955,
0.3353

 126.9859, 0.3888,

0.3352

159.7916, 0.3831,
0.3350

■ 11.0208, 0.4849,
0.3311

■ 11.0208, 0.4849,
0.3311

■ 9.3508, 0.5315,
0.3313

■ 13.2114, 0.4416,
0.3308

■ 8.1568, 0.5762,
0.3312

■ 15.9588, 0.4040,
0.3304

■ 7.3895, 0.6122,
0.3309

■ 19.2984, 0.3728,
0.3300

■ 6.9637, 0.6356,
0.3308

■ 23.2618, 0.3473,
0.3296

■ 6.9072, 0.6390,
0.3308

■ 27.8785, 0.3269,
0.3293

■ 33.1761, 0.3104,
0.3290

■ 39.1808, 0.2971,
0.3287

■ 45.9170, 0.2864,
0.3284

■ 53.4083, 0.2776,
0.3282

Harmonies

Analogous

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



11.0208, 0.4167, 0.2707



11.0208, 0.4849, 0.3311



11.0208, 0.4939, 0.3968

Triad

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



11.0208, 0.4849, 0.3311



11.0208, 0.2840, 0.4815



11.0208, 0.1801, 0.1941

Complementary

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



11.0208, 0.4849, 0.3311



26.1896, 0.2412, 0.3269

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.



11.0208, 0.1573, 0.2226



11.0208, 0.4849, 0.3311



11.0208, 0.2089, 0.3906

Square

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



11.0208, 0.4849, 0.3311



11.0208, 0.3716, 0.5026



11.0208, 0.1658, 0.2891



11.0208, 0.2347, 0.1958

Rectangle

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



11.0208, 0.4849, 0.3311



11.0208, 0.4686, 0.4407



11.0208, 0.1658, 0.2891



11.0208, 0.1691, 0.1999

Sweetspot

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



11.0214, 0.4849, 0.3311



42.3327, 0.3471, 0.3296



12.8665, 0.3190, 0.1955



9.1081, 0.3536, 0.3297



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



11.0214, 0.4849, 0.3311



16.2620, 0.5452, 0.3313



18.1731, 0.4361, 0.4020



6.2335, 0.3283, 0.3293



5.6322, 0.6389, 0.3309



0.0869, 0.6331, 0.3355

Inverse Universe

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



26.1896, 0.2412, 0.3269



46.4426, 0.2326, 0.3264



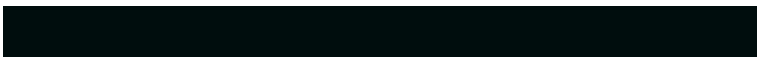
14.3564, 0.2221, 0.2377



7.0144, 0.2989, 0.3287



20.2618, 0.2237, 0.3253



0.3062, 0.2242, 0.3270

Previews

White Background



This preview shows how the Yxy color 11.0208, 0.4849, 0.3311 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 11.0208, 0.4849, 0.3311 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 11.0208, 0.4849, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 11.0208, 0.4849, 0.3311.



This preview shows how white text looks on a background with the Yxy color 11.0208, 0.4849, 0.3311.

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

11.0208, 0.4849, 0.3311

Protanopia

11.2365, 0.3492, 0.3715

Deuteranopia

11.1493, 0.3992, 0.3945



Tritanopia

10.9665, 0.4762, 0.3217

Trichromacy



Original Color

11.0208, 0.4849, 0.3311

Protanomaly

10.6475, 0.3975, 0.3525

Deuteranomaly

10.8110, 0.4325, 0.3686

Tritanomaly

10.9421, 0.4801, 0.3248

Monochromacy



Original Color

11.0208, 0.4849, 0.3311

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.2886, 0.3715, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0208, 0.4849, 0.3311 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(154, 65, 64)` looks like.

```
.text, #text, p{  
    color:rgb(154, 65, 64)  
}
```

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(154, 65, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 65, 64) }
```

Border

The CSS property to change the border of an element to Yxy 11.0208, 0.4849, 0.3311 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(154, 65, 64) }
```

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

```
.border{ border-color:rgb(154, 65, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 65, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 65, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 65, 64);  
box-shadow:4px 4px 4px 4px rgb(154, 65,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0208, 0.4849, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 65, 64) }
```

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

```
.background{ background-color: rgb(154, 65,  
64) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor