

Converting Colors

$Y_{xy}(11.2074, 0.4895, 0.3325)$

Have a look what the booklet for
Yxy(11.2074, 0.4895, 0.3325)
contains.

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Color

Yxy(11.2074, 0.4895, 0.3325)

Conversions

Conversions Part 1	
Format	Color
Hex	9C413F
RGB	156, 65, 63
RGB Percent	61%, 25%, 25%
CMY	0.3882, 0.7451, 0.7528
CMYK	0.00, 0.58, 0.60, 0.39
HSL	1°, 42%, 43%
HSV	1°, 60%, 61%
XYZ	16.4993, 11.2074, 5.9998
YIQ	91.9810, 54.8780, 18.6700

Conversions

Conversions Part 2

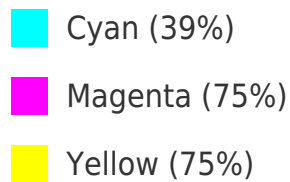
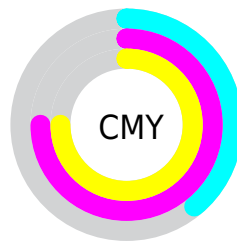
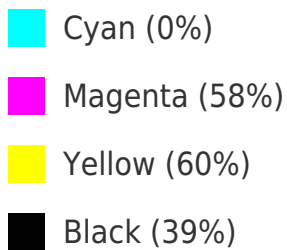
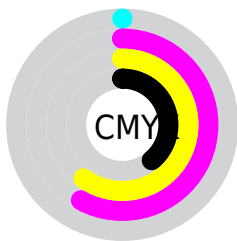
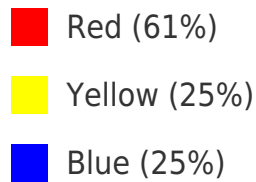
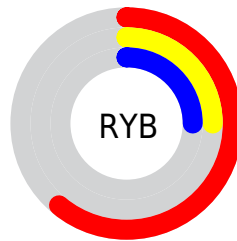
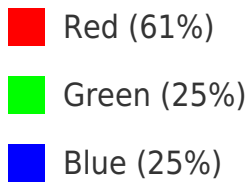
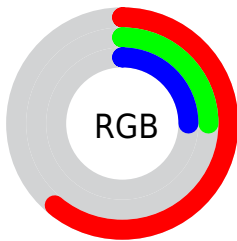
Format	Color
RYB	156, 65, 63
Decimal	10240319
CIELab	39.93, 37.85, 20.32
CIELCh	40, 42.962, 28.229
Yxy	11.2074, 0.4895, 0.3325
Android (android.graphics.Color)	4288430399 (0xFF9C413F)
YUV	91.9810, -14.2876, 56.1447
Hunter-Lab	33.4775, 29.3879, 12.8084

Details

The Yxy color **11.2074, 0.4895, 0.3325** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **26.5803, 0.2399, 0.3252**, and the grayscale version is **10.7224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0856, 0.4436, 0.3354**, and **2.9461, 0.5782, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **9.5352, 0.5360, 0.3327**, and if you desaturate by 10%, it is **13.4041, 0.4459, 0.3321**.

Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2074, 0.4895, 0.3325 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 11.2074, 0.4895, 0.3325 by changing the saturation by 10% instead.


 11.2074, 0.4895,
0.3325


 11.2074, 0.4895,
0.3325


 199.0850, 0.3803,
0.3358


 6.2065, 0.5261,
0.3275


 28.0431, 0.4435,
0.3360


 2.9711, 0.5793,
0.3163

 40.6466, 0.4282,
0.3365


 1.1166, 0.6951,
0.3049

 56.5532, 0.4161,
0.3366

 0.0000, 1.0000,
0.0000

 76.1471, 0.4062,
0.3366

 0.0000, 0.0000,
0.0000

 99.8129, 0.3981,
0.3364


 127.9349, 0.3912,


0.3362


160.8974, 0.3853,
0.3360


 11.2074, 0.4895,
0.3325


 11.2074, 0.4895,
0.3325


 9.5352, 0.5360,
0.3327


 13.4041, 0.4459,
0.3321


 8.3423, 0.5800,
0.3324


 16.1622, 0.4078,
0.3315

 7.5788, 0.6147,
0.3318

 19.5172, 0.3759,
0.3308


 7.1550, 0.6373,
0.3315

 23.5013, 0.3500,
0.3302

 7.1404, 0.6382,
0.3315

 28.1443, 0.3290,
0.3295

 33.4741, 0.3121,
0.3290

 39.5171, 0.2985,
0.3285

 46.2982, 0.2874,
0.3280

 53.8412, 0.2784,
0.3276

Harmonies

Analogous

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



11.2074, 0.4214, 0.2711



11.2074, 0.4895, 0.3325



11.2074, 0.4966, 0.3992

Triad

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



11.2074, 0.4895, 0.3325



11.2074, 0.2806, 0.4834



11.2074, 0.1790, 0.1915

Complementary

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



11.2074, 0.4895, 0.3325



26.5803, 0.2399, 0.3252

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.



11.2074, 0.1551, 0.2192



11.2074, 0.4895, 0.3325



11.2074, 0.2051, 0.3888

Square

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



11.2074, 0.4895, 0.3325



11.2074, 0.3697, 0.5066



11.2074, 0.1626, 0.2856



11.2074, 0.2352, 0.1941

Rectangle

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



11.2074, 0.4895, 0.3325



11.2074, 0.4696, 0.4438



11.2074, 0.1626, 0.2856



11.2074, 0.1676, 0.1970

Sweetspot

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



11.2080, 0.4895, 0.3325



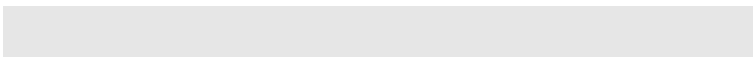
43.6649, 0.3471, 0.3301



12.9746, 0.3213, 0.1951



9.1401, 0.3535, 0.3303



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.



11.2080, 0.4895, 0.3325



16.3905, 0.5535, 0.3326



18.8108, 0.4377, 0.4056



6.6676, 0.3284, 0.3295



5.8876, 0.6380, 0.3316



0.1111, 0.6279, 0.3397

Inverse Universe

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



26.5803, 0.2399, 0.3252



46.9520, 0.2310, 0.3242



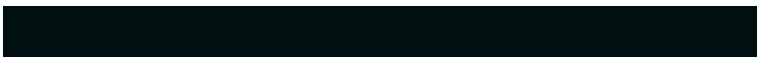
14.1760, 0.2196, 0.2321



7.4853, 0.2988, 0.3285



20.6661, 0.2229, 0.3224



0.3763, 0.2237, 0.3251

Previews

White Background



This preview shows how the Yxy color 11.2074, 0.4895, 0.3325 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 11.2074, 0.4895, 0.3325 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 11.2074, 0.4895, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 11.2074, 0.4895, 0.3325.

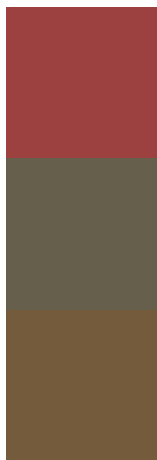


This preview shows how white text looks on a background with the Yxy color 11.2074, 0.4895, 0.3325.

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

11.2074, 0.4895, 0.3325

Protanopia

11.4729, 0.3504, 0.3735

Deuteranopia

11.4428, 0.4031, 0.3976



Tritanopia

11.1521, 0.4810, 0.3234

Trichromacy



Original Color

11.2074, 0.4895, 0.3325

Protanomaly

10.8605, 0.4002, 0.3565

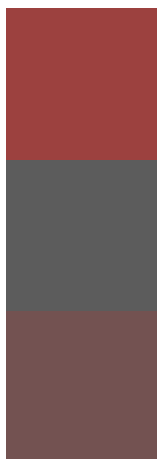
Deuteranomaly

11.1067, 0.4364, 0.3717

Tritanomaly

11.1281, 0.4849, 0.3265

Monochromacy



Original Color

11.2074, 0.4895, 0.3325

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.2735, 0.3733, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2074, 0.4895, 0.3325 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(156, 65, 63)` looks like.

```
.text, #text, p{  
    color:rgb(156, 65, 63)  
}
```

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(156, 65, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 65, 63) }
```

Border

The CSS property to change the border of an element to Yxy 11.2074, 0.4895, 0.3325 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(156, 65, 63) }
```

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

```
.border{ border-color:rgb(156, 65, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 65, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 65, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 65, 63);  
box-shadow:4px 4px 4px 4px rgb(156, 65,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2074, 0.4895, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 65, 63) }
```

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

```
.background{ background-color: rgb(156, 65,  
63) }
```

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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