

Converting Colors

$Y_{xy}(11.3252, 0.5398, 0.3550)$

Have a look what the booklet for
Yxy(11.3252, 0.5398, 0.3550)
contains.

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Color

Yxy(11.2841, 0.5396, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	A33D29
RGB	163, 61, 41
RGB Percent	64%, 24%, 16%
CMY	0.3607, 0.7608, 0.8392
CMYK	0.00, 0.63, 0.75, 0.36
HSL	10°, 60%, 40%
HSV	10°, 75%, 64%
XYZ	17.1760, 11.2841, 3.3709
YIQ	89.2180, 67.2120, 15.4040

Conversions

Conversions Part 2

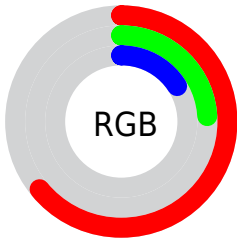
Format	Color
RYB	163, 65, 41
Decimal	10698025
CIELab	40.05, 41.07, 33.85
CIELCh	40, 53.217, 39.495
Yxy	11.2841, 0.5396, 0.3545
Android (android.graphics.Color)	4288888105 (0xFFA33D29)
YUV	89.2180, -23.7715, 64.7068
Hunter-Lab	33.5918, 32.4842, 17.5646

Details

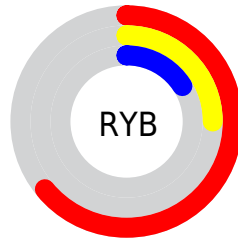
The Yxy color **11.2841, 0.5396, 0.3545** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **22.7715, 0.2217, 0.2910**, and the grayscale version is **10.0829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1863, 0.4836, 0.3582**, and **3.0467, 0.6374, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **9.9189, 0.5787, 0.3519**, and if you desaturate by 10%, it is **13.0676, 0.4974, 0.3543**.

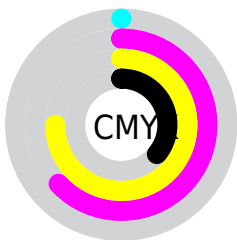
Distribution



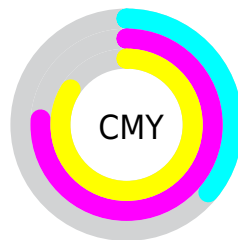
- Red (64%)
- Green (24%)
- Blue (16%)



- Red (64%)
- Yellow (25%)
- Blue (16%)



- Cyan (0%)
- Magenta (63%)
- Yellow (75%)
- Black (36%)




- Cyan (36%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2841, 0.5396, 0.3545 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 11.2841, 0.5396, 0.3545 by changing the saturation by 10% instead.


 11.2841, 0.5396,
0.3545


 11.2841, 0.5396,
0.3545


199.6064, 0.4024,
0.3503

 6.2583, 0.5809,
0.3477


 28.1843, 0.4839,
0.3573


 3.0027, 0.6538,
0.3404

 40.8275, 0.4646,
0.3567


 1.1332, 0.7077,
0.2923

 56.7786, 0.4491,
0.3558

 0.0061, 0.9941,
0.0059

 76.4220, 0.4364,
0.3547

 0.0000, 0.0000,
0.0000

 100.1421, 0.4257,
0.3535

 128.3232, 0.4167,

0.3524

161.3499, 0.4091,
0.3513

11.2841, 0.5396,
0.3545

11.2841, 0.5396,
0.3545

9.9189, 0.5787,
0.3519

13.0676, 0.4974,
0.3543

8.9352, 0.6094,
0.3464

15.2984, 0.4566,
0.3520

8.5586, 0.6225,
0.3439

18.0049, 0.4197,
0.3484

21.2127, 0.3878,
0.3441

24.9456, 0.3610,
0.3396

■ 29.2256, 0.3388,
0.3351

■ 34.0738, 0.3204,
0.3309

■ 39.5100, 0.3053,
0.3270

■ 45.5529, 0.2928,
0.3235

Harmonies

Analogous

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



11.2841, 0.4853, 0.2831



11.2841, 0.5396, 0.3545



11.2841, 0.5139, 0.4326

Triad

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



11.2841, 0.5396, 0.3545



11.2841, 0.2321, 0.4883



11.2841, 0.1746, 0.1651

Complementary

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



11.2841, 0.5396, 0.3545



22.7715, 0.2217, 0.2910

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.



11.2841, 0.1349, 0.1805



11.2841, 0.5396, 0.3545



11.2841, 0.1589, 0.3485

Square

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



11.2841, 0.5396, 0.3545



11.2841, 0.3336, 0.5520



11.2841, 0.1287, 0.2368



11.2841, 0.2534, 0.1799

Rectangle

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



11.2841, 0.5396, 0.3545



11.2841, 0.4653, 0.4867



11.2841, 0.1287, 0.2368



11.2841, 0.1574, 0.1665

Sweetspot

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



11.2847, 0.5396, 0.3545



46.4422, 0.3552, 0.3385



11.4101, 0.3488, 0.1896



10.0122, 0.3613, 0.3396



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.



11.2847, 0.5396, 0.3545



16.4884, 0.6008, 0.3484



21.4568, 0.4563, 0.4398



7.2647, 0.3281, 0.3327



6.6969, 0.6212, 0.3449



0.1906, 0.5668, 0.3881

Inverse Universe

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



22.7715, 0.2217, 0.2910



37.7221, 0.2130, 0.2813



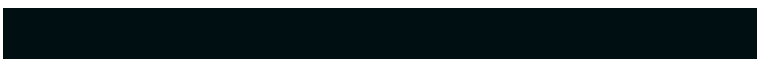
9.4120, 0.1906, 0.1681



7.8128, 0.2988, 0.3252



15.8624, 0.2103, 0.2770



0.3828, 0.2160, 0.2977

Previews

White Background



This preview shows how the Yxy color 11.2841, 0.5396, 0.3545 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 11.2841, 0.5396, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

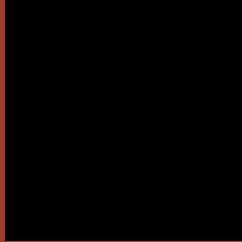
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2841, 0.5396, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 11.2841, 0.5396, 0.3545.



This preview shows how white text looks on a background with the Yxy color 11.2841, 0.5396, 0.3545.

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

11.2841, 0.5396, 0.3545

Protanopia

11.4356, 0.3921, 0.4255

Deuteranopia

11.3498, 0.4444, 0.4366



Tritanopia

11.2664, 0.5090, 0.3241

Trichromacy



Original Color

11.2841, 0.5396, 0.3545

Protanomaly

10.8355, 0.4479, 0.3968

Deuteranomaly

10.8764, 0.4832, 0.4005

Tritanomaly

11.2868, 0.5225, 0.3362

Monochromacy



Original Color

11.2841, 0.5396, 0.3545

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.7728, 0.3937, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2841, 0.5396, 0.3545 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, 61, 41)` looks like.

```
.text, #text, p{  
    color:rgb(163, 61, 41)  
}
```

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, 61, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 61, 41) }
```

Border

The CSS property to change the border of an element to Yxy 11.2841, 0.5396, 0.3545 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, 61, 41) }
```

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

```
.border{ border-color:rgb(163, 61, 41) }
```

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

Here you see how a box with a 4 pixel rgb(163, 61, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 61, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 61, 41);  
box-shadow:4px 4px 4px 4px rgb(163, 61,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2841, 0.5396, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 61, 41) }
```

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

```
.background{ background-color: rgb(163, 61,  
41) }
```

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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