

Converting Colors

$Y_{xy}(11.5562, 0.4525, 0.3393)$

Have a look what the booklet for
Yxy(11.5562, 0.4525, 0.3393)
contains.

Yxy(11.5728, 0.4533, 0.3397)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.5728, 0.4533, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	924B45
RGB	146, 75, 69
RGB Percent	57%, 29%, 27%
CMY	0.4275, 0.7058, 0.7294
CMYK	0.00, 0.49, 0.53, 0.43
HSL	5°, 36%, 42%
HSV	5°, 53%, 57%
XYZ	15.4429, 11.5728, 7.0520
YIQ	95.5450, 44.2420, 13.1860

Conversions

Conversions Part 2

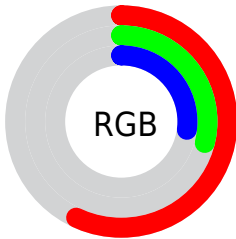
Format	Color
R_{YB}	146, 76, 69
Decimal	9587525
CIE Lab	40.53, 29.18, 17.15
CIE LCh	41, 33.841, 30.441
Yxy	11.5728, 0.4533, 0.3397
Android (android.graphics.Color)	4287777605 (0xFF924B45)
YUV	95.5450, -13.0867, 44.2490
Hunter-Lab	34.0188, 21.4974, 11.5225

Details

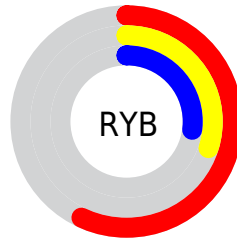
The Yxy color **11.5728, 0.4533, 0.3397** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.0931, 0.2443, 0.3171**, and the grayscale version is **11.6066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6481, 0.4171, 0.3397**, and **3.0826, 0.5267, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **9.7767, 0.4960, 0.3409**, and if you desaturate by 10%, it is **13.8011, 0.4154, 0.3379**.

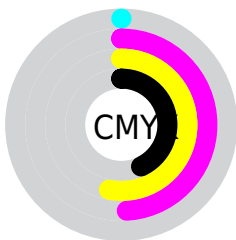
Distribution



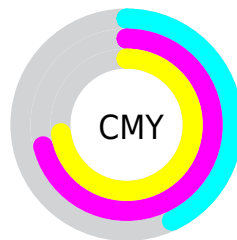
- Red (57%)
- Green (29%)
- Blue (27%)



- Red (57%)
- Yellow (30%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (53%)
- Black (43%)





- Cyan (43%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5728, 0.4533, 0.3397 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 11.5728, 0.4533, 0.3397 by changing the saturation by 10% instead.


 11.5728, 0.4533,
0.3397

 11.5728, 0.4533,
0.3397


201.5562, 0.3664,
0.3367


 6.4535, 0.4830,
0.3381


 28.7146, 0.4165,
0.3398


 3.1227, 0.5272,
0.3331

 41.5059, 0.4044,
0.3394

 1.1961, 0.6396,
0.3403

 57.6234, 0.3948,
0.3389

 0.0586, 0.9291,
0.0709

 77.4513, 0.3870,
0.3384

 0.0000, 0.0000,
0.0000

 101.3742, 0.3805,
0.3379

129.7764, 0.3751,

0.3375

163.0422, 0.3704,
0.3371

■ 11.5728, 0.4533,
0.3397

■ 11.5728, 0.4533,
0.3397

■ 9.7767, 0.4960,
0.3409

■ 13.8011, 0.4154,
0.3379

■ 8.3830, 0.5407,
0.3410

■ 16.4853, 0.3832,
0.3358

■ 7.3613, 0.5824,
0.3397

■ 19.6494, 0.3565,
0.3336

■ 6.6756, 0.6149,
0.3370

■ 23.3152, 0.3347,
0.3315

■ 6.3579, 0.6326,
0.3359

■ 27.5032, 0.3170,
0.3295

■ 32.2328, 0.3025,
0.3277

■ 37.5224, 0.2907,
0.3260

■ 43.3894, 0.2810,
0.3245

■ 49.8506, 0.2729,
0.3232

Harmonies

Analogous

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



11.5728, 0.4030, 0.2870



11.5728, 0.4533, 0.3397



11.5728, 0.4584, 0.3953

Triad

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



11.5728, 0.4533, 0.3397



11.5728, 0.2851, 0.4414



11.5728, 0.2066, 0.2166

Complementary

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



11.5728, 0.4533, 0.3397



22.0931, 0.2443, 0.3171

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.



11.5728, 0.1841, 0.2397



11.5728, 0.4533, 0.3397



11.5728, 0.2244, 0.3698

Square

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



11.5728, 0.4533, 0.3397



11.5728, 0.3571, 0.4677



11.5728, 0.1896, 0.2925



11.5728, 0.2559, 0.2196

Rectangle

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



11.5728, 0.4533, 0.3397



11.5728, 0.4373, 0.4297



11.5728, 0.1896, 0.2925



11.5728, 0.1961, 0.2212

Sweetspot

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



11.5734, 0.4533, 0.3397



38.7079, 0.3420, 0.3322



12.2864, 0.3261, 0.2133



8.3493, 0.3459, 0.3326



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



11.5734, 0.4533, 0.3397



16.8246, 0.5029, 0.3410



18.2678, 0.4155, 0.4039



5.8837, 0.3280, 0.3308



5.6110, 0.6322, 0.3363



0.0831, 0.5972, 0.3640

Inverse Universe

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



22.0931, 0.2443, 0.3171



37.3710, 0.2343, 0.3141



12.9158, 0.2286, 0.2375



6.4857, 0.2990, 0.3272



16.9967, 0.2181, 0.3050



0.2265, 0.2216, 0.3178

Previews

White Background



This preview shows how the Yxy color 11.5728, 0.4533, 0.3397 looks on a white background.

Color Contrast Check

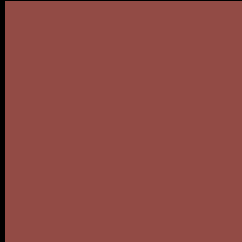
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5728, 0.4533, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

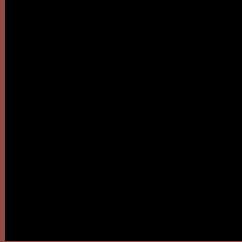
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5728, 0.4533, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 11.5728, 0.4533, 0.3397.



This preview shows how white text looks on a background with the Yxy color 11.5728, 0.4533, 0.3397.

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

11.5728, 0.4533, 0.3397

Protanopia

11.7406, 0.3485, 0.3707

Deuteranopia

11.6925, 0.3914, 0.3852



Tritanopia

11.6651, 0.4370, 0.3207

Trichromacy



Original Color

11.5728, 0.4533, 0.3397

Protanomaly

11.3390, 0.3850, 0.3569

Deuteranomaly

11.4964, 0.4137, 0.3674

Tritanomaly

11.6086, 0.4446, 0.3277

Monochromacy



Original Color

11.5728, 0.4533, 0.3397

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.2287, 0.3596, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5728, 0.4533, 0.3397 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(146, 75, 69)` looks like.

```
.text, #text, p{  
  color:rgb(146, 75, 69)  
}
```

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(146, 75, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 75, 69) }
```

Border

The CSS property to change the border of an element to Yxy 11.5728, 0.4533, 0.3397 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(146, 75, 69) }
```

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

```
.border{ border-color:rgb(146, 75, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 75, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 75, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 75, 69);  
box-shadow:4px 4px 4px 4px rgb(146, 75,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5728, 0.4533, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 75, 69) }
```

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

```
.background{ background-color: rgb(146, 75,  
69) }
```

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