

Converting Colors

$Y_{xy}(11.1388, 0.5217, 0.3572)$

Have a look what the booklet for
Yxy(11.1388, 0.5217, 0.3572)
contains.

Yxy(11.1382, 0.5217, 0.3572)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.1382, 0.5217, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	9D412D
RGB	157, 65, 45
RGB Percent	62%, 25%, 18%
CMY	0.3843, 0.7450, 0.8235
CMYK	0.00, 0.59, 0.71, 0.38
HSL	11°, 55%, 40%
HSV	11°, 71%, 62%
XYZ	16.2676, 11.1382, 3.7761
YIQ	90.2280, 61.2520, 13.2840

Conversions

Conversions Part 2

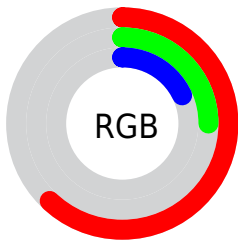
Format	Color
R _Y B	157, 69, 45
Decimal	10305837
CIE Lab	39.81, 37.04, 31.01
CIE LCh	40, 48.303, 39.934
Yxy	11.1382, 0.5217, 0.3572
Android (android.graphics.Color)	4288495917 (0xFF9D412D)
YUV	90.2280, -22.2974, 58.5590
Hunter-Lab	33.3739, 28.6028, 16.6533

Details

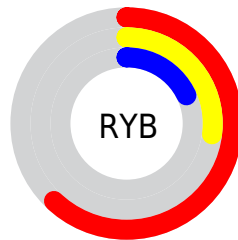
The Yxy color **11.1382, 0.5217, 0.3572** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.8808, 0.2236, 0.2897**, and the grayscale version is **10.3202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8624, 0.4683, 0.3575**, and **2.9723, 0.6228, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **9.7240, 0.5620, 0.3557**, and if you desaturate by 10%, it is **12.9367, 0.4803, 0.3560**.

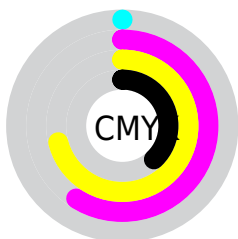
Distribution



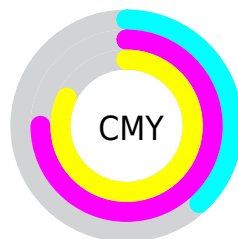
- Red (62%)
- Green (25%)
- Blue (18%)



- Red (62%)
- Yellow (27%)
- Blue (18%)



- Cyan (0%)
- Magenta (59%)
- Yellow (71%)
- Black (38%)





- Cyan (38%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1382, 0.5217, 0.3572 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 11.1382, 0.5217, 0.3572 by changing the saturation by 10% instead.


 11.1382, 0.5217,
0.3572


 11.1382, 0.5217,
0.3572


198.6132, 0.3943,
0.3494


 6.1599, 0.5613,
0.3526

 27.9154, 0.4693,
0.3578

 2.9425, 0.6277,
0.3464

 40.4831, 0.4515,
0.3567


 1.1018, 0.6924,
0.3076

 56.3494, 0.4371,
0.3554

 0.0000, 1.0000,
0.0000

 75.8987, 0.4254,
0.3541

 0.0000, 0.0000,
0.0000

 99.5153, 0.4156,
0.3528

 127.5836, 0.4074,

0.3516

160.4882, 0.4004,
0.3504

■ 11.1382, 0.5217,
0.3572

■ 11.1382, 0.5217,
0.3572

■ 9.7240, 0.5620,
0.3557

■ 12.9367, 0.4803,
0.3560

■ 8.6636, 0.5963,
0.3511

■ 15.1432, 0.4414,
0.3528

■ 7.9997, 0.6197,
0.3462

■ 17.7817, 0.4068,
0.3485

■ 20.8737, 0.3772,
0.3436

■ 24.4394, 0.3524,
0.3387

■ 28.4975, 0.3318,
0.3340

■ 33.0659, 0.3147,
0.3296

■ 38.1617, 0.3006,
0.3255

■ 43.8008, 0.2889,
0.3217

Harmonies

Analogous

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



11.1382, 0.4716, 0.2888



11.1382, 0.5217, 0.3572



11.1382, 0.5000, 0.4308

Triad

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



11.1382, 0.5217, 0.3572



11.1382, 0.2389, 0.4705



11.1382, 0.1851, 0.1758

Complementary

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



11.1382, 0.5217, 0.3572



20.8808, 0.2236, 0.2897

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.



11.1382, 0.1465, 0.1910



11.1382, 0.5217, 0.3572



11.1382, 0.1699, 0.3463

Square

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



11.1382, 0.5217, 0.3572



11.1382, 0.3339, 0.5314



11.1382, 0.1406, 0.2443



11.1382, 0.2600, 0.1901

Rectangle

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



11.1382, 0.5217, 0.3572



11.1382, 0.4560, 0.4795



11.1382, 0.1406, 0.2443



11.1382, 0.1684, 0.1773

Sweetspot

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



11.1388, 0.5217, 0.3572



43.7222, 0.3526, 0.3388



10.8894, 0.3499, 0.1959



9.2466, 0.3585, 0.3400



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.



11.1388, 0.5217, 0.3572



16.1447, 0.5847, 0.3532



20.7093, 0.4467, 0.4394



6.8283, 0.3280, 0.3331



6.5389, 0.6185, 0.3471



0.1634, 0.5589, 0.3944

Inverse Universe

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



20.8808, 0.2236, 0.2897



34.3729, 0.2136, 0.2794



9.0779, 0.1949, 0.1733



7.3078, 0.2988, 0.3249



14.7683, 0.2089, 0.2721



0.3123, 0.2159, 0.2972

Previews

White Background



This preview shows how the Yxy color 11.1382, 0.5217, 0.3572 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 11.1382, 0.5217, 0.3572 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 11.1382, 0.5217, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 11.1382, 0.5217, 0.3572.



This preview shows how white text looks on a background with the Yxy color 11.1382, 0.5217, 0.3572.

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

11.1382, 0.5217, 0.3572

Protanopia

11.4033, 0.3863, 0.4199

Deuteranopia

11.2474, 0.4341, 0.4293



Tritanopia

11.1077, 0.4896, 0.3236

Trichromacy



Original Color

11.1382, 0.5217, 0.3572

Protanomaly

10.7906, 0.4370, 0.3951

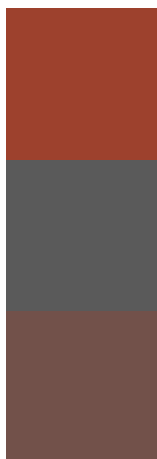
Deuteranomaly

10.9576, 0.4689, 0.3990

Tritanomaly

11.1296, 0.5036, 0.3368

Monochromacy



Original Color

11.1382, 0.5217, 0.3572

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

9.9567, 0.3848, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1382, 0.5217, 0.3572 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(157, 65, 45)` looks like.

```
.text, #text, p{  
  color:rgb(157, 65, 45)  
}
```

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(157, 65, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 65, 45) }
```

Border

The CSS property to change the border of an element to Yxy 11.1382, 0.5217, 0.3572 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(157, 65, 45) }
```

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

```
.border{ border-color:rgb(157, 65, 45) }
```

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

Here you see how a box with a 4 pixel rgb(157, 65, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 65, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 65, 45);  
box-shadow:4px 4px 4px 4px rgb(157, 65,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1382, 0.5217, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 65, 45) }
```

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

```
.background{ background-color: rgb(157, 65,  
45) }
```

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