

Converting Colors

$Y_{xy}(11.5903, 0.5411, 0.3577)$

Have a look what the booklet for
Yxy(11.5903, 0.5411, 0.3577)
contains.

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Color

Yxy(11.4910, 0.5406, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	A43E28
RGB	164, 62, 40
RGB Percent	64%, 24%, 16%
CMY	0.3569, 0.7568, 0.8431
CMYK	0.00, 0.62, 0.76, 0.36
HSL	11°, 61%, 40%
HSV	11°, 76%, 64%
XYZ	17.4153, 11.4910, 3.3085
YIQ	89.9900, 67.8540, 14.7820

Conversions

Conversions Part 2

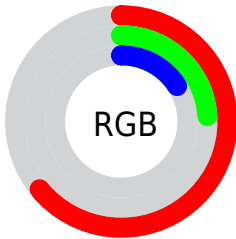
Format	Color
RYB	164, 67, 40
Decimal	10763816
CIELab	40.40, 40.90, 34.82
CIELCh	40, 53.721, 40.409
Yxy	11.4910, 0.5406, 0.3567
Android (android.graphics.Color)	4288953896 (0xFFA43E28)
YUV	89.9900, -24.6451, 64.9068
Hunter-Lab	33.8984, 32.3822, 17.9422

Details

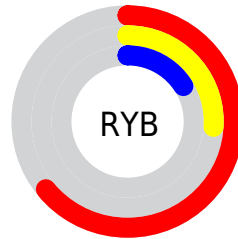
The Yxy color **11.4910, 0.5406, 0.3567** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **22.4775, 0.2204, 0.2872**, and the grayscale version is **10.2679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7141, 0.4858, 0.3600**, and **3.1293, 0.6361, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **10.1131, 0.5789, 0.3538**, and if you desaturate by 10%, it is **13.2818, 0.4990, 0.3566**.

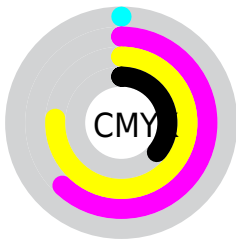
Distribution



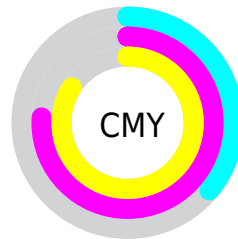
- Red (64%)
- Green (24%)
- Blue (16%)



- Red (64%)
- Yellow (26%)
- Blue (16%)



- Cyan (0%)
- Magenta (62%)
- Yellow (76%)
- Black (36%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4910, 0.5406, 0.3567 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 11.4910, 0.5406, 0.3567 by changing the saturation by 10% instead.


 11.4910, 0.5406,
0.3567


 11.4910, 0.5406,
0.3567


201.0058, 0.4034,
0.3515

 6.3981, 0.5814,
0.3500


 28.5646, 0.4851,
0.3592


 3.0886, 0.6540,
0.3434

 41.3141, 0.4659,
0.3585

 1.1782, 0.7049,
0.2951

 57.3846, 0.4503,
0.3575

 0.0438, 0.9602,
0.0398

 77.1605, 0.4375,
0.3562

 0.0000, 0.0000,
0.0000

 101.0262, 0.4268,
0.3550

 129.3660, 0.4178,

0.3538

162.5644, 0.4101,
0.3526

11.4910, 0.5406,
0.3567

11.4910, 0.5406,
0.3567

10.1131, 0.5789,
0.3538

13.2818, 0.4990,
0.3566

9.1117, 0.6091,
0.3479

15.5136, 0.4584,
0.3542

8.7757, 0.6204,
0.3456

18.2141, 0.4216,
0.3503

21.4083, 0.3897,
0.3457

25.1193, 0.3627,
0.3408

■ 29.3687, 0.3402,
0.3360

■ 34.1769, 0.3217,
0.3314

■ 39.5633, 0.3063,
0.3272

■ 45.5464, 0.2936,
0.3233

Harmonies

Analogous

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



11.4910, 0.4887, 0.2850



11.4910, 0.5406, 0.3567



11.4910, 0.5126, 0.4352

Triad

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



11.4910, 0.5406, 0.3567



11.4910, 0.2290, 0.4853



11.4910, 0.1760, 0.1647

Complementary

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



11.4910, 0.5406, 0.3567



22.4775, 0.2204, 0.2872

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.



11.4910, 0.1352, 0.1791



11.4910, 0.5406, 0.3567



11.4910, 0.1569, 0.3443

Square

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



11.4910, 0.5406, 0.3567



11.4910, 0.3303, 0.5527



11.4910, 0.1279, 0.2339



11.4910, 0.2563, 0.1804

Rectangle

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



11.4910, 0.5406, 0.3567



11.4910, 0.4629, 0.4893



11.4910, 0.1279, 0.2339



11.4910, 0.1584, 0.1659

Sweetspot

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



11.4917, 0.5406, 0.3567



47.1870, 0.3575, 0.3397



11.4038, 0.3528, 0.1911



9.7694, 0.3659, 0.3414



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.



11.4917, 0.5406, 0.3567



16.9996, 0.6014, 0.3498



22.1293, 0.4552, 0.4431



7.2798, 0.3281, 0.3331



6.7810, 0.6189, 0.3468



0.1959, 0.5621, 0.3919

Inverse Universe

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



22.4775, 0.2204, 0.2872



37.4946, 0.2114, 0.2764



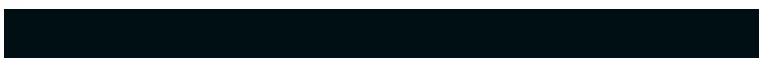
9.0670, 0.1885, 0.1621



7.7965, 0.2988, 0.3249



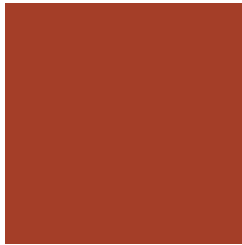
15.3830, 0.2090, 0.2724



0.3759, 0.2153, 0.2950

Previews

White Background



This preview shows how the Yxy color 11.4910, 0.5406, 0.3567 looks on a white background.

Color Contrast Check

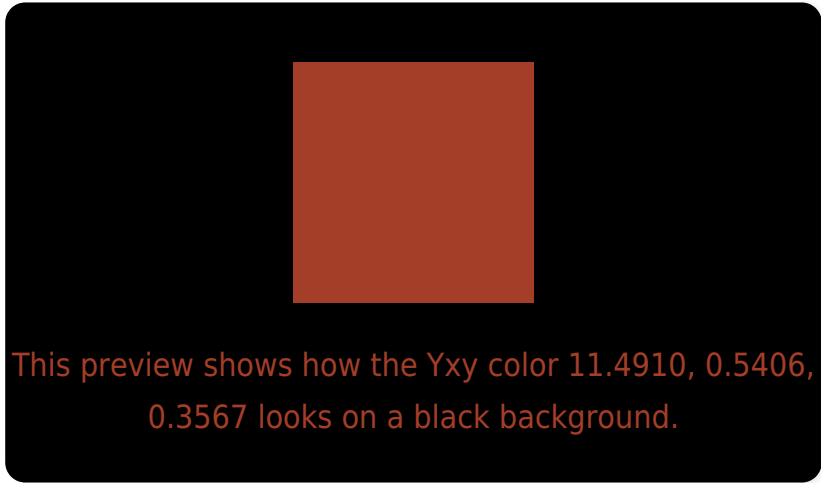
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

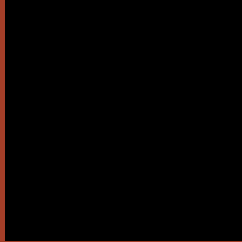
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4910, 0.5406, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 11.4910, 0.5406, 0.3567.



This preview shows how white text looks on a background with the Yxy color 11.4910, 0.5406, 0.3567.

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

11.4910, 0.5406, 0.3567

Protanopia

11.6602, 0.3954, 0.4308

Deuteranopia

11.5850, 0.4455, 0.4388



Tritanopia

11.4861, 0.5073, 0.3241

Trichromacy



Original Color

11.4910, 0.5406, 0.3567

Protanomaly

11.0499, 0.4510, 0.4014

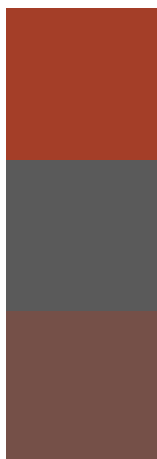
Deuteranomaly

11.0989, 0.4843, 0.4029

Tritanomaly

11.5069, 0.5207, 0.3362

Monochromacy



Original Color

11.4910, 0.5406, 0.3567

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

9.9871, 0.3947, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4910, 0.5406, 0.3567 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(164, 62, 40)` looks like.

```
.text, #text, p{  
    color:rgb(164, 62, 40)  
}
```

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(164, 62, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 62, 40) }
```

Border

The CSS property to change the border of an element to Yxy 11.4910, 0.5406, 0.3567 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(164, 62, 40) }
```

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

```
.border{ border-color:rgb(164, 62, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 62, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 62, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 62, 40);  
box-shadow:4px 4px 4px 4px rgb(164, 62,  
40) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4910, 0.5406, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 62, 40) }
```

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

```
.background{ background-color: rgb(164, 62,  
40) }
```

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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