

Converting Colors

$Yxy(10.3428, 0.5970, 0.3490)$

Have a look what the booklet for
Yxy(10.3428, 0.5970, 0.3490)
contains.

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Color

Yxy(10.3543, 0.5973, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	AB2A11
RGB	171, 42, 17
RGB Percent	67%, 16%, 7%
CMY	0.3294, 0.8353, 0.9331
CMYK	0.00, 0.75, 0.90, 0.33
HSL	10°, 82%, 37%
HSV	10°, 90%, 67%
XYZ	17.7261, 10.3543, 1.5966
YIQ	77.7210, 84.9090, 19.5730

Conversions

Conversions Part 2

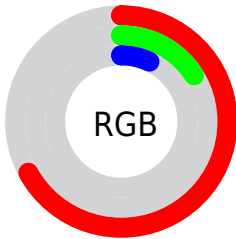
Format	Color
RYB	171, 47, 17
Decimal	11217425
CIELab	38.47, 50.88, 44.96
CIElCh	38, 67.899, 41.467
Yxy	10.3543, 0.5973, 0.3489
Android (android.graphics.Color)	4289407505 (0xFFAB2A11)
YUV	77.7210, -29.9355, 81.8057
Hunter-Lab	32.1781, 42.0193, 19.5828

Details

The Yxy color **10.3543, 0.5973, 0.3489** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **23.6411, 0.2136, 0.2825**, and the grayscale version is **7.6089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.4120, 0.5329, 0.3597**, and **3.3150, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **9.4756, 0.6233, 0.3433**, and if you desaturate by 10%, it is **11.6350, 0.5620, 0.3531**.

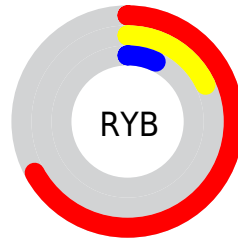
Distribution



Red (67%)

Green (16%)

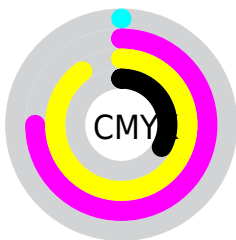
Blue (7%)



Red (67%)

Yellow (18%)

Blue (7%)

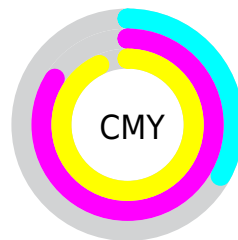


Cyan (0%)

Magenta (75%)

Yellow (90%)

Black (33%)



Cyan (33%)


Magenta (84%)

Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 10.3543, 0.5973, 0.3489 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 10.3543, 0.5973, 0.3489 by changing the saturation by 10% instead.


 10.3543, 0.5973,
0.3489


 10.3543, 0.5973,
0.3489


 193.1824, 0.4293,
0.3569


 5.6345, 0.6469,
0.3359

 26.4598, 0.5322,
0.3601


 2.6241, 0.6969,
0.3031

 38.6143, 0.5086,
0.3614


 0.9388, 0.7559,
0.2441

 54.0158, 0.4892,
0.3615

 0.0000, 1.0000,
0.0000


 73.0487, 0.4730,
0.3610


 0.0000, 0.0000,
0.0000

 96.0974, 0.4594,
0.3601


 123.5464, 0.4478,


0.3590


 155.7799, 0.4379,
0.3580


 10.3543, 0.5973,
0.3489


 10.3543, 0.5973,
0.3489

 9.4756, 0.6233,
0.3433

 11.6350, 0.5620,
0.3531

 13.3626, 0.5207,
0.3544

 15.5750, 0.4785,
0.3532

 18.3054, 0.4390,
0.3502

 21.5840, 0.4043,
0.3462

■ 25.4388, 0.3747,
0.3418

■ 29.8957, 0.3500,
0.3373

■ 34.9791, 0.3296,
0.3330

■ 40.7121, 0.3128,
0.3290

Harmonies

Analogous

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



10.3543, 0.5441, 0.2708



10.3543, 0.5973, 0.3489



10.3543, 0.5498, 0.4443

Triad

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



10.3543, 0.5973, 0.3489



10.3543, 0.1953, 0.5374



10.3543, 0.1488, 0.1324

Complementary

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



10.3543, 0.5973, 0.3489



23.6411, 0.2136, 0.2825

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.



10.3543, 0.1028, 0.1444



10.3543, 0.5973, 0.3489



10.3543, 0.1174, 0.3357

Square

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



10.3543, 0.5973, 0.3489



10.3543, 0.3126, 0.6222



10.3543, 0.0918, 0.2009



10.3543, 0.2437, 0.1516

Rectangle

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



10.3543, 0.5973, 0.3489



10.3543, 0.4817, 0.5183



10.3543, 0.0918, 0.2009



10.3543, 0.1289, 0.1326

Sweetspot

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



10.3549, 0.5973, 0.3489



47.4858, 0.3679, 0.3407



11.1972, 0.3574, 0.1792



10.0352, 0.3767, 0.3422



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



10.3549, 0.5973, 0.3489



16.7637, 0.6256, 0.3415



21.4517, 0.4832, 0.4453



8.2171, 0.3282, 0.3327



7.1954, 0.6219, 0.3444



0.2623, 0.5733, 0.3830

Inverse Universe

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



23.6411, 0.2136, 0.2825



40.3485, 0.2100, 0.2759



7.5588, 0.1729, 0.1329



8.8479, 0.2986, 0.3252



17.1590, 0.2104, 0.2775



0.5353, 0.2152, 0.2946

Previews

White Background



This preview shows how the Yxy color 10.3543, 0.5973, 0.3489 looks on a white background.

Color Contrast Check

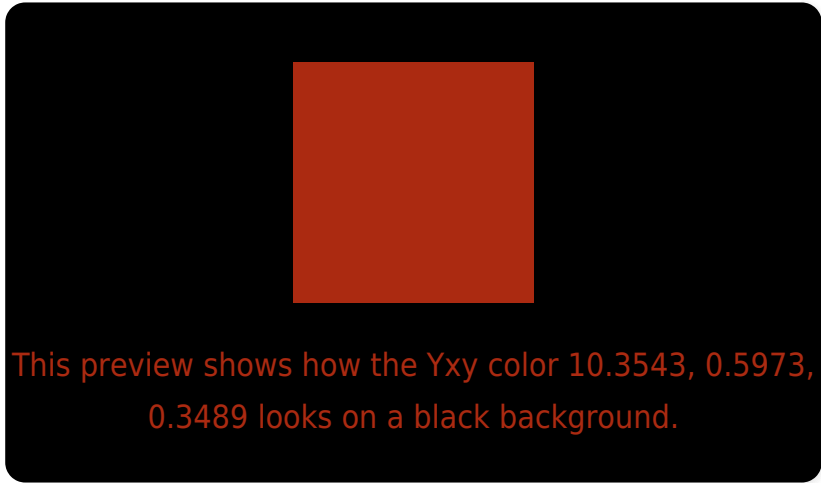
Large Text (above 18pt) WCAG AA ✓ Pass

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

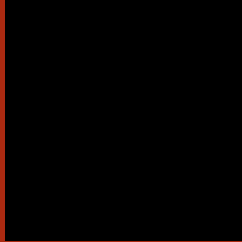
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.3543, 0.5973, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 10.3543, 0.5973, 0.3489.



This preview shows how white text looks on a background with the Yxy color 10.3543, 0.5973, 0.3489.

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

10.3543, 0.5973, 0.3489

Protanopia

10.6266, 0.4197, 0.4625

Tritanopia

10.3287, 0.5727, 0.3298

Trichromacy



Original Color

10.3543, 0.5973, 0.3489

Protanomaly

9.5569, 0.4960, 0.4112

Tritanomaly

10.3481, 0.5829, 0.3380

Monochromacy



Original Color

10.3543, 0.5973, 0.3489

Achromatopsia

7.6185, 0.3127, 0.3290

Achromatomaly

7.5109, 0.4319, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3543, 0.5973, 0.3489 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(171, 42, 17)` looks like.

```
.text, #text, p{  
    color:rgb(171, 42, 17)  
}
```

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(171, 42, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 42, 17) }
```

Border

The CSS property to change the border of an element to Yxy 10.3543, 0.5973, 0.3489 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(171, 42, 17) }
```

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

```
.border{ border-color:rgb(171, 42, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 42, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 42, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 42, 17);  
box-shadow:4px 4px 4px 4px rgb(171, 42,  
17) }
```

Background

The CSS property to change the background color of an element to Yxy 10.3543, 0.5973, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 42, 17) }
```

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

```
.background{ background-color: rgb(171, 42,  
17) }
```

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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