

Converting Colors

$Y_{xy}(10.7691, 0.5448, 0.3578)$

Have a look what the booklet for
Yxy(10.7691, 0.5448, 0.3578)
contains.

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Color

Yxy(10.7351, 0.5449, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	A03B25
RGB	160, 59, 37
RGB Percent	63%, 23%, 15%
CMY	0.3726, 0.7686, 0.8549
CMYK	0.00, 0.63, 0.77, 0.37
HSL	11°, 62%, 39%
HSV	11°, 77%, 63%
XYZ	16.3945, 10.7351, 2.9576
YIQ	86.6910, 67.2580, 14.5700

Conversions

Conversions Part 2

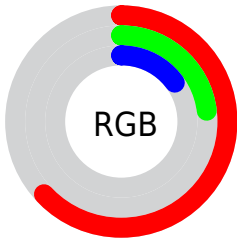
Format	Color
R_{YB}	160, 64, 37
Decimal	10500901
CIE _{Lab}	39.13, 40.70, 34.93
CIE _{LCh}	39, 53.632, 40.642
Yxy	10.7351, 0.5449, 0.3568
Android (android.graphics.Color)	4288690981 (0xFFA03B25)
YUV	86.6910, -24.4977, 64.2920
Hunter-Lab	32.7645, 31.9790, 17.5832

Details

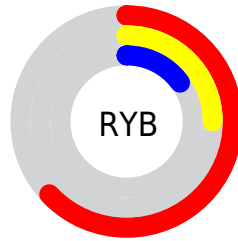
The Yxy color **10.7351, 0.5449, 0.3568** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.1017, 0.2195, 0.2860**, and the grayscale version is **9.5045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2091, 0.4871, 0.3605**, and **2.8248, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **9.4715, 0.5824, 0.3535**, and if you desaturate by 10%, it is **12.3838, 0.5035, 0.3570**.

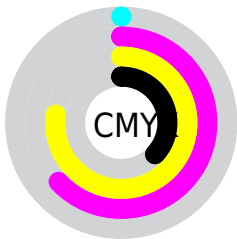
Distribution



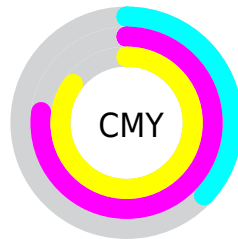
- Red (63%)
- Green (23%)
- Blue (15%)



- Red (63%)
- Yellow (25%)
- Blue (15%)



- Cyan (0%)
- Magenta (63%)
- Yellow (77%)
- Black (37%)





- Cyan (37%)
- Magenta (77%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7351, 0.5449, 0.3568 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 10.7351, 0.5449, 0.3568 by changing the saturation by 10% instead.


 10.7351, 0.5449,
0.3568


 10.7351, 0.5449,
0.3568


195.8410, 0.4041,
0.3519


 5.8890, 0.5870,
0.3493

 27.1693, 0.4877,
0.3597

 2.7777, 0.6600,
0.3400

 39.5261, 0.4679,
0.3591


 1.0168, 0.7122,
0.2878

 55.1554, 0.4520,
0.3580

 0.0000, 1.0000,
0.0000

 74.4414, 0.4389,
0.3568


 0.0000, 0.0000,
0.0000


 97.7686, 0.4280,
0.3555


 125.5213, 0.4188,

0.3542


 158.0840, 0.4109,
0.3530


 10.7351, 0.5449,
0.3568


 10.7351, 0.5449,
0.3568


 9.4715, 0.5824,
0.3535


 12.3838, 0.5035,
0.3570

 8.5574, 0.6117,
0.3476

 14.4442, 0.4628,
0.3548

 8.3344, 0.6198,
0.3461

 16.9426, 0.4256,
0.3510

 19.9025, 0.3932,
0.3464

 23.3458, 0.3657,
0.3415

■ 27.2929, 0.3428,
0.3366

■ 31.7631, 0.3238,
0.3320

■ 36.7745, 0.3081,
0.3277

■ 42.3446, 0.2951,
0.3237

Harmonies

Analogous

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



10.7351, 0.4930, 0.2844



10.7351, 0.5449, 0.3568



10.7351, 0.5150, 0.4364

Triad

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



10.7351, 0.5449, 0.3568



10.7351, 0.2262, 0.4882



10.7351, 0.1743, 0.1622

Complementary

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



10.7351, 0.5449, 0.3568



21.1017, 0.2195, 0.2860

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.



10.7351, 0.1327, 0.1764



10.7351, 0.5449, 0.3568



10.7351, 0.1537, 0.3432

Square

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



10.7351, 0.5449, 0.3568



10.7351, 0.3289, 0.5576



10.7351, 0.1251, 0.2312



10.7351, 0.2559, 0.1784

Rectangle

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



10.7351, 0.5449, 0.3568



10.7351, 0.4639, 0.4918



10.7351, 0.1251, 0.2312



10.7351, 0.1564, 0.1633

Sweetspot

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



10.7357, 0.5449, 0.3568



44.7490, 0.3574, 0.3398



10.6744, 0.3535, 0.1901



9.3011, 0.3656, 0.3415



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



10.7357, 0.5449, 0.3568



15.9915, 0.6035, 0.3495



20.7991, 0.4572, 0.4439



6.8287, 0.3280, 0.3331



6.5413, 0.6184, 0.3472



0.1635, 0.5588, 0.3945

Inverse Universe

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



21.1017, 0.2195, 0.2860



35.2547, 0.2110, 0.2754



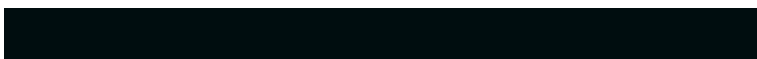
8.3790, 0.1870, 0.1594



7.3074, 0.2988, 0.3249



14.7553, 0.2089, 0.2720



0.3121, 0.2159, 0.2971

Previews

White Background



This preview shows how the Yxy color 10.7351, 0.5449, 0.3568 looks on a white background.

Color Contrast Check

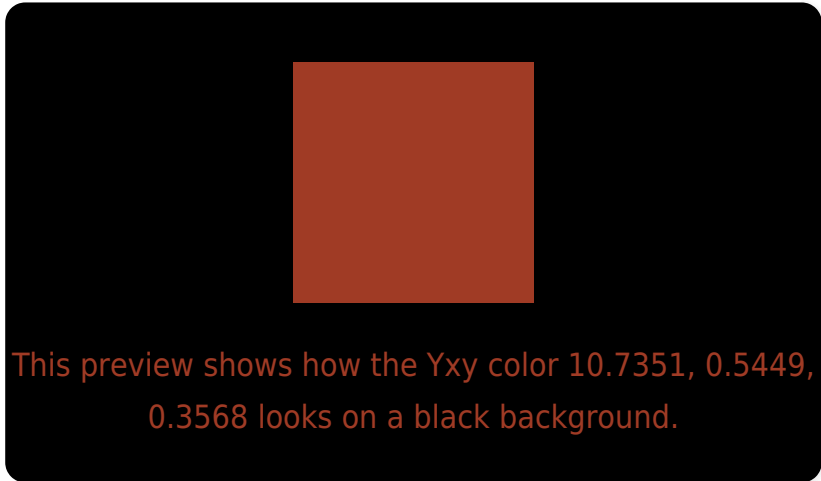
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7351, 0.5449, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 10.7351, 0.5449, 0.3568.



This preview shows how white text looks on a background with the Yxy color 10.7351, 0.5449, 0.3568.

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

10.7351, 0.5449, 0.3568

Protanopia

10.9175, 0.3975, 0.4331

Deuteranopia

10.8551, 0.4486, 0.4403



Tritanopia

10.7317, 0.5112, 0.3241

Trichromacy



Original Color

10.7351, 0.5449, 0.3568

Protanomaly

10.3444, 0.4549, 0.4025

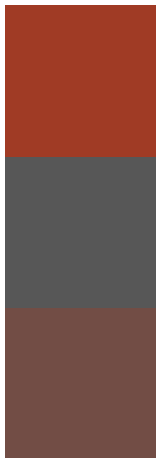
Deuteranomaly

10.4041, 0.4886, 0.4034

Tritanomaly

10.7513, 0.5249, 0.3363

Monochromacy



Original Color

10.7351, 0.5449, 0.3568

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.3148, 0.3973, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7351, 0.5449, 0.3568 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(160, 59, 37)` looks like.

```
.text, #text, p{  
  color:rgb(160, 59, 37)  
}
```

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(160, 59, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 59, 37) }
```

Border

The CSS property to change the border of an element to Yxy 10.7351, 0.5449, 0.3568 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(160, 59, 37) }
```

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

```
.border{ border-color:rgb(160, 59, 37) }
```

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

Here you see how a box with a 4 pixel rgb(160, 59, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 59, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 59, 37);  
box-shadow:4px 4px 4px 4px rgb(160, 59,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7351, 0.5449, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 59, 37) }
```

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

```
.background{ background-color: rgb(160, 59,  
37) }
```

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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