

Converting Colors

$Y_{xy}(11.6689, 0.5542, 0.3569)$

Have a look what the booklet for
Yxy(11.6689, 0.5542, 0.3569)
contains.

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Color

Yxy(11.6779, 0.5536, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	A83C23
RGB	168, 60, 35
RGB Percent	66%, 24%, 14%
CMY	0.3412, 0.7647, 0.8627
CMYK	0.00, 0.64, 0.79, 0.34
HSL	11°, 66%, 40%
HSV	11°, 79%, 66%
XYZ	18.0684, 11.6779, 2.8917
YIQ	89.4420, 72.3930, 15.1210

Conversions

Conversions Part 2

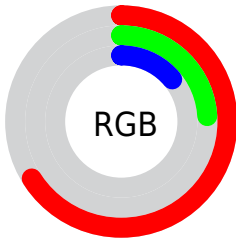
Format	Color
R_{YB}	168, 66, 35
Decimal	11025443
CIE Lab	40.70, 43.10, 38.09
CIE LCh	41, 57.518, 41.466
Yxy	11.6779, 0.5536, 0.3578
Android (android.graphics.Color)	4289215523 (0xFFA83C23)
YUV	89.4420, -26.8399, 68.8954
Hunter-Lab	34.1729, 34.5766, 18.9039

Details

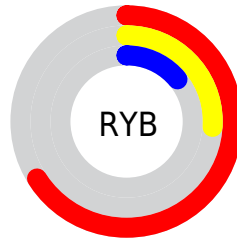
The Yxy color **11.6779, 0.5536, 0.3578** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **22.8301, 0.2172, 0.2821**, and the grayscale version is **10.1424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8404, 0.4968, 0.3619**, and **3.2512, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.3518, 0.5893, 0.3536**, and if you desaturate by 10%, it is **13.4216, 0.5129, 0.3587**.

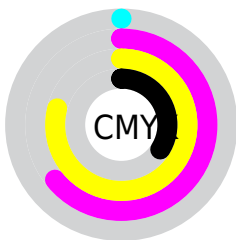
Distribution



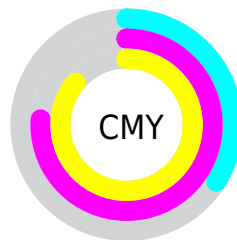
- Red (66%)
- Green (24%)
- Blue (14%)



- Red (66%)
- Yellow (26%)
- Blue (14%)



- Cyan (0%)
- Magenta (64%)
- Yellow (79%)
- Black (34%)




- Cyan (34%)
- Magenta (76%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6779, 0.5536, 0.3578 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 11.6779, 0.5536, 0.3578 by changing the saturation by 10% instead.


 11.6779, 0.5536,
0.3578


 11.6779, 0.5536,
0.3578


202.2611, 0.4099,
0.3539


 6.5248, 0.5947,
0.3496

 28.9071, 0.4963,
0.3616


 3.1667, 0.6620,
0.3380

 41.7519, 0.4762,
0.3611


 1.2194, 0.7117,
0.2883

 57.9294, 0.4598,
0.3601

 0.0774, 0.9374,
0.0626

 77.8240, 0.4463,
0.3589

 0.0000, 1.0000,
0.0000

 101.8201, 0.4349,
0.3576

 0.0000, 0.0000,
0.0000


 130.3020, 0.4253,


0.3563


 163.6542, 0.4171,
0.3551

 11.6779, 0.5536,
0.3578


 11.6779, 0.5536,
0.3578


 10.3518, 0.5893,
0.3536


 13.4216, 0.5129,
0.3587


 9.4005, 0.6167,
0.3473

 15.6129, 0.4719,
0.3569

 9.3359, 0.6188,
0.3469

 18.2811, 0.4338,
0.3532

 21.4524, 0.4003,
0.3485

 25.1513, 0.3717,
0.3434

■ 29.4003, 0.3478,
0.3382

■ 34.2208, 0.3279,
0.3333

■ 39.6330, 0.3115,
0.3286

■ 45.6563, 0.2979,
0.3244

Harmonies

Analogous

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



11.6779, 0.5031, 0.2840



11.6779, 0.5536, 0.3578



11.6779, 0.5189, 0.4397

Triad

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



11.6779, 0.5536, 0.3578



11.6779, 0.2194, 0.4924



11.6779, 0.1715, 0.1573

Complementary

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



11.6779, 0.5536, 0.3578



22.8301, 0.2172, 0.2821

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.



11.6779, 0.1282, 0.1704



11.6779, 0.5536, 0.3578



11.6779, 0.1467, 0.3390

Square

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



11.6779, 0.5536, 0.3578



11.6779, 0.3245, 0.5675



11.6779, 0.1193, 0.2246



11.6779, 0.2564, 0.1747

Rectangle

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



11.6779, 0.5536, 0.3578



11.6779, 0.4645, 0.4977



11.6779, 0.1193, 0.2246



11.6779, 0.1529, 0.1580

Sweetspot

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



11.6786, 0.5536, 0.3578



49.1559, 0.3598, 0.3409



11.5293, 0.3590, 0.1903



10.1547, 0.3683, 0.3427



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



11.6786, 0.5536, 0.3578



17.4229, 0.6102, 0.3484



23.3392, 0.4589, 0.4482



7.7621, 0.3281, 0.3333



7.1078, 0.6173, 0.3481



0.2362, 0.5617, 0.3922

Inverse Universe

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



22.8301, 0.2172, 0.2821



37.8989, 0.2091, 0.2703



8.5089, 0.1826, 0.1491



8.2887, 0.2987, 0.3247



15.5913, 0.2080, 0.2688



0.4395, 0.2141, 0.2908

Previews

White Background



This preview shows how the Yxy color 11.6779, 0.5536, 0.3578 looks on a white background.

Color Contrast Check

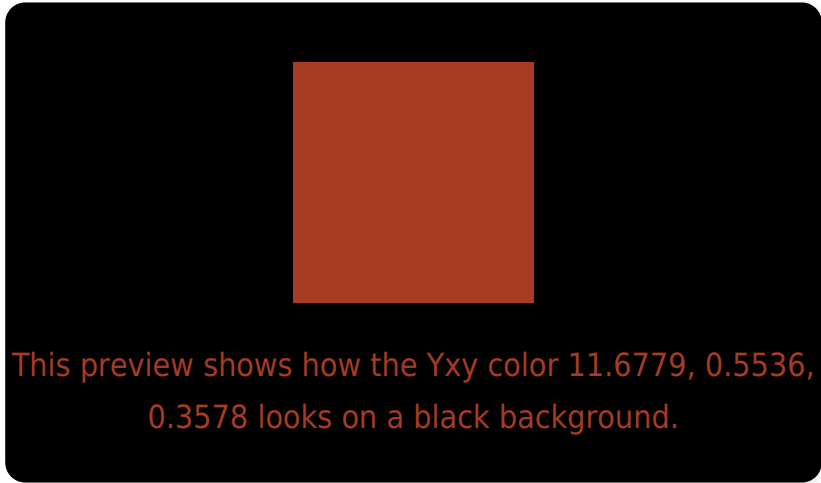
Large Text (above 18pt) WCAG AA ✓ Pass

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

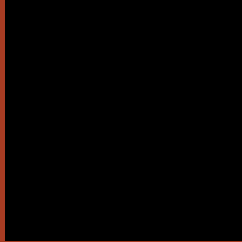
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6779, 0.5536, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 11.6779, 0.5536, 0.3578.



This preview shows how white text looks on a background with the Yxy color 11.6779, 0.5536, 0.3578.

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

11.6779, 0.5536, 0.3578

Protanopia

11.8646, 0.4022, 0.4414

Deuteranopia

11.8664, 0.4537, 0.4471



Tritanopia

11.6875, 0.5196, 0.3258

Trichromacy



Original Color

11.6779, 0.5536, 0.3578

Protanomaly

11.1679, 0.4611, 0.4079

Deuteranomaly

11.3150, 0.4964, 0.4088

Tritanomaly

11.7001, 0.5341, 0.3383

Monochromacy



Original Color

11.6779, 0.5536, 0.3578

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.7300, 0.4037, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6779, 0.5536, 0.3578 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(168, 60, 35)` looks like.

```
.text, #text, p{  
    color:rgb(168, 60, 35)  
}
```

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(168, 60, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 60, 35) }
```

Border

The CSS property to change the border of an element to Yxy 11.6779, 0.5536, 0.3578 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(168, 60, 35) }
```

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

```
.border{ border-color:rgb(168, 60, 35) }
```

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

Here you see how a box with a 4 pixel rgb(168, 60, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 60, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 60, 35);  
box-shadow:4px 4px 4px 4px rgb(168, 60,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6779, 0.5536, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 60, 35) }
```

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

```
.background{ background-color: rgb(168, 60,  
35) }
```

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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