

Converting Colors

$Y_{xy}(11.0297, 0.5737, 0.3513)$

Have a look what the booklet for
Yxy(11.0297, 0.5737, 0.3513)
contains.

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Color

Yxy(11.0024, 0.5741, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	AA331D
RGB	170, 51, 29
RGB Percent	67%, 20%, 11%
CMY	0.3333, 0.8000, 0.8861
CMYK	0.00, 0.70, 0.83, 0.33
HSL	9°, 71%, 39%
HSV	9°, 83%, 67%
XYZ	17.9854, 11.0024, 2.3402
YIQ	84.0730, 77.9860, 18.3860

Conversions

Conversions Part 2

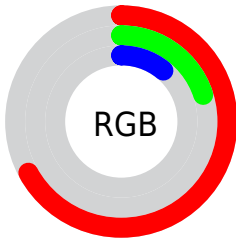
Format	Color
R_{YB}	170, 55, 29
Decimal	11154205
CIE Lab	39.58, 47.47, 40.23
CIE LCh	40, 62.220, 40.282
Yxy	11.0024, 0.5741, 0.3512
Android (android.graphics.Color)	4289344285 (0xFFAA331D)
YUV	84.0730, -27.1510, 75.3580
Hunter-Lab	33.1699, 38.7393, 19.0359

Details

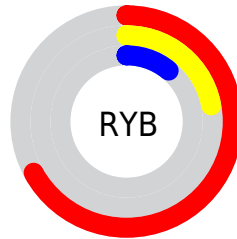
The Yxy color **11.0024, 0.5741, 0.3512** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **24.3610, 0.2173, 0.2883**, and the grayscale version is **8.9268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7670, 0.5123, 0.3592**, and **3.3150, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **9.8747, 0.6066, 0.3463**, and if you desaturate by 10%, it is **12.5651, 0.5338, 0.3533**.

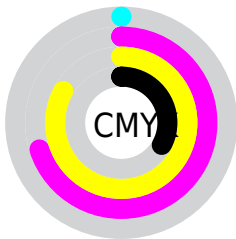
Distribution



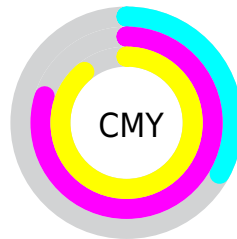
- Red (67%)
- Green (20%)
- Blue (11%)



- Red (67%)
- Yellow (22%)
- Blue (11%)



- Cyan (0%)
- Magenta (70%)
- Yellow (83%)
- Black (33%)



- Cyan (33%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.0024, 0.5741, 0.3512 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 11.0024, 0.5741, 0.3512 by changing the saturation by 10% instead.


 11.0024, 0.5741,
0.3512


 11.0024, 0.5741,
0.3512


197.6840, 0.4183,
0.3537


 6.0685, 0.6181,
0.3398

 27.6646, 0.5125,
0.3585


 2.8867, 0.6809,
0.3191

 40.1617, 0.4906,
0.3590


 1.0729, 0.7356,
0.2644

 55.9485, 0.4727,
0.3586

 0.0000, 1.0000,
0.0000


 75.4096, 0.4580,
0.3578

 0.0000, 0.0000,
0.0000

 98.9293, 0.4456,
0.3568


 126.8920, 0.4351,


0.3558


 159.6821, 0.4261,
0.3547

 11.0024, 0.5741,
0.3512


 11.0024, 0.5741,
0.3512


 9.8747, 0.6066,
0.3463

 12.5651, 0.5338,
0.3533

 9.3076, 0.6242,
0.3426

 14.5997, 0.4912,
0.3528

 17.1414, 0.4504,
0.3504

 20.2215, 0.4140,
0.3468

 23.8687, 0.3828,
0.3426

■ 28.1096, 0.3567,
0.3383

■ 32.9692, 0.3351,
0.3341

■ 38.4711, 0.3173,
0.3301

■ 44.6374, 0.3027,
0.3265

Harmonies

Analogous

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



11.0024, 0.5177, 0.2752



11.0024, 0.5741, 0.3512



11.0024, 0.5353, 0.4378

Triad

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



11.0024, 0.5741, 0.3512



11.0024, 0.2126, 0.5185



11.0024, 0.1582, 0.1453

Complementary

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



11.0024, 0.5741, 0.3512



24.3610, 0.2173, 0.2883

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.



11.0024, 0.1150, 0.1593



11.0024, 0.5741, 0.3512



11.0024, 0.1350, 0.3442

Square

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



11.0024, 0.5741, 0.3512



11.0024, 0.3245, 0.5926



11.0024, 0.1064, 0.2171



11.0024, 0.2460, 0.1625

Rectangle

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



11.0024, 0.5741, 0.3512



11.0024, 0.4770, 0.5037



11.0024, 0.1064, 0.2171



11.0024, 0.1395, 0.1462

Sweetspot

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



11.0031, 0.5741, 0.3512



48.9434, 0.3628, 0.3393



11.5933, 0.3535, 0.1827



10.3227, 0.3716, 0.3408



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.



11.0031, 0.5741, 0.3512



16.6819, 0.6265, 0.3408



22.2306, 0.4716, 0.4442



7.7240, 0.3282, 0.3326



6.9008, 0.6227, 0.3437



0.2219, 0.5725, 0.3836

Inverse Universe

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



24.3610, 0.2173, 0.2883



40.9322, 0.2106, 0.2781



8.6667, 0.1803, 0.1486



8.3301, 0.2987, 0.3254



16.7678, 0.2110, 0.2796



0.4598, 0.2160, 0.2975

Previews

White Background



This preview shows how the Yxy color 11.0024, 0.5741, 0.3512 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 11.0024, 0.5741, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 11.0024, 0.5741, 0.3512.



This preview shows how white text looks on a background with the Yxy color 11.0024, 0.5741, 0.3512.

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

11.0024, 0.5741, 0.3512

Protanopia

11.1619, 0.4085, 0.4465

Deuteranopia

11.1012, 0.4623, 0.4556



Tritanopia

11.0108, 0.5467, 0.3263

Trichromacy



Original Color

11.0024, 0.5741, 0.3512

Protanomaly

10.2433, 0.4772, 0.4041

Deuteranomaly

10.4859, 0.5126, 0.4095

Tritanomaly

11.0290, 0.5587, 0.3362

Monochromacy



Original Color

11.0024, 0.5741, 0.3512

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

8.6497, 0.4135, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0024, 0.5741, 0.3512 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(170, 51, 29)` looks like.

```
.text, #text, p{  
    color:rgb(170, 51, 29)  
}
```

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(170, 51, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 51, 29) }
```

Border

The CSS property to change the border of an element to Yxy 11.0024, 0.5741, 0.3512 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(170, 51, 29) }
```

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

```
.border{ border-color:rgb(170, 51, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 51, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 51, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 51, 29);  
box-shadow:4px 4px 4px 4px rgb(170, 51,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0024, 0.5741, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 51, 29) }
```

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

```
.background{ background-color: rgb(170, 51,  
29) }
```

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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