Converting Colors

Yxy(1.1411, 0.4530, 0.3294)

Have a look what the booklet for Yxy(1.1411, 0.4530, 0.3294) contains.

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Color

Yxy(1.1411, 0.4530, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	301313
RGB	48, 19, 19
RGB Percent	19%, 7%, 7%
CMY	0.8118, 0.9255, 0.9255
CMYK	0.00, 0.60, 0.60, 0.81
HSL	360°, 43%, 13%
HSV	360°, 60%, 19%
XYZ	1.5693, 1.1411, 0.7538
YIQ	27.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

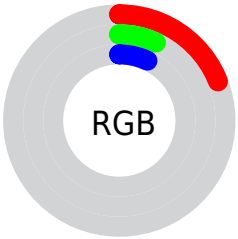
Format	Color
RYB	48, 19, 19
Decimal	3150611
CIELab	10.12, 14.75, 6.66
CIELCh	10, 16.184, 24.294
Yxy	1.1411, 0.4530, 0.3294
Android (android.graphics.Color)	4281340691 (0xFF301313)
YUV	27.6710, -4.2748, 17.8285
Hunter-Lab	10.6822, 7.5286, 3.2937

Details

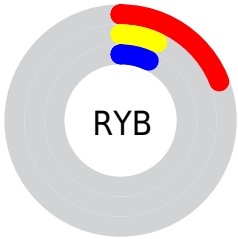
The Yxy color 1.1411, 0.4530, 0.3294 is a dark color, and the websafe version is hex 330000. A complement of this color would be 2.4656, 0.2479, 0.3288, and the grayscale version is 1.1415, 0.3127, 0.3290.

A 20% lighter version of the original color is 6.2690, 0.3911, 0.3318, and 0.0000, 0.0000, 0.0000 is the 20% darker color. If you saturate the color by 10%, you get 0.9801, 0.4906, 0.3295, and if you desaturate by 10%, it is 1.3386, 0.4193, 0.3293.

Distribution

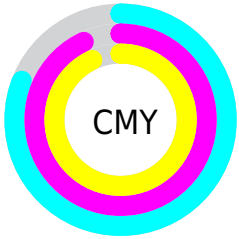


- Red (19%)
- Green (7%)
- Blue (7%)



- Red (19%)
- Yellow (7%)
- Blue (7%)

- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (81%)



- Cyan (81%)
- Magenta (93%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 1.1411, 0.4530, 0.3294 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 1.1411, 0.4530, 0.3294 by changing the saturation by 10% instead.

1.1411, 0.4530, 0.3294

1.1411, 0.4530, 0.3294

100.2991, 0.3433, 0.3310

0.0128, 0.9668, 0.0332

6.2830, 0.3907, 0.3316

0.0000, 0.0000, 0.0000

11.3208, 0.3766, 0.3317

18.5156, 0.3668, 0.3317

28.2518, 0.3596, 0.3316

40.9139, 0.3541, 0.3314

56.8862, 0.3497,

0.3313

76.5532, 0.3462, 0.3312

1.1411, 0.4530, 0.3294

0.9801, 0.4906, 0.3295

0.8530, 0.5303, 0.3296

0.7383, 0.5780, 0.3298

0.6283, 0.6400, 0.3300

1.1411, 0.4530, 0.3294

1.3386, 0.4193, 0.3293

1.5744, 0.3901, 0.3292

1.8505, 0.3654, 0.3292

2.1687, 0.3447, 0.3291

2.5306, 0.3275, 0.3290

2.9377, 0.3132, 0.3290

3.3916, 0.3014, 0.3290

3.8937, 0.2915, 0.3289

4.4453, 0.2832, 0.3289

Harmonies

Analogous

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

1.1411, 0.3911, 0.2755

1.1411, 0.4530, 0.3294

1.1411, 0.4893, 0.4042

Triad

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

1.1411, 0.4530, 0.3294

1.1411, 0.3043, 0.4670

1.1411, 0.1964, 0.2157

Complementary

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

1.1411, 0.4530, 0.3294

2.4656, 0.2479, 0.3288

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.

1.1411, 0.1792, 0.2452

1.1411, 0.4530, 0.3294

1.1411, 0.2294, 0.3899

Square

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

1.1411, 0.4530, 0.3294

1.1411, 0.4046, 0.5112

1.1411, 0.1891, 0.3064

1.1411, 0.2415, 0.2138

Rectangle

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

1.1411, 0.4530, 0.3294

1.1411, 0.4889, 0.4588

1.1411, 0.1891, 0.3064

1.1411, 0.1875, 0.2223

Sweetspot

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

1.1412, 0.4530, 0.3294

3.5273, 0.3419, 0.3291

1.2958, 0.3165, 0.2090

0.9984, 0.3430, 0.3291

34.2392, 0.3127, 0.3290

1.3412, 0.3127, 0.3290

Same Dimension

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

1.1412, 0.4530, 0.3294

1.4445, 0.5115, 0.3296

1.7640, 0.4177, 0.3918

0.7582, 0.3239, 0.3290

2.0118, 0.6401, 0.3300

14.3263, 0.6401, 0.3300

Inverse Universe

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

1.1412, 0.4530, 0.3294

1.4445, 0.5115, 0.3296

1.4949, 0.2336, 0.2542

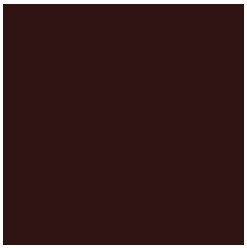
0.7582, 0.3239, 0.3290

2.0118, 0.6401, 0.3300

14.3263, 0.6401, 0.3300

Previews

White Background

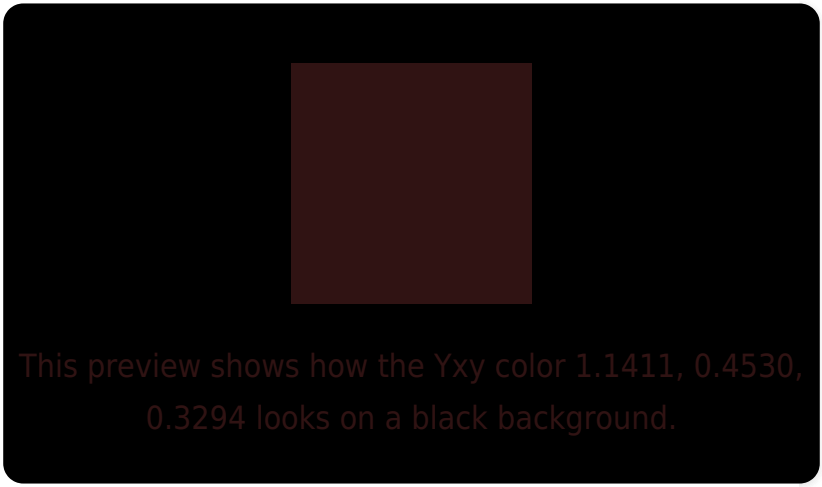


This preview shows how the Yxy color 1.1411, 0.4530, 0.3294 looks on a white background.

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 ✓ Pass

Black Background

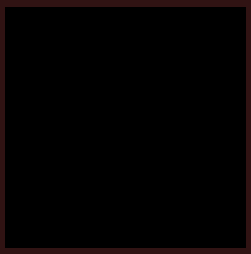


Color Contrast Check

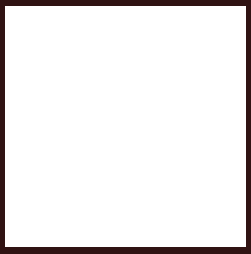
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 1.1411, 0.4530, 0.3294 Background



This preview shows how black text looks on a background with the Yxy color 1.1411, 0.4530, 0.3294.



This preview shows how white text looks on a background with the Yxy color 1.1411, 0.4530, 0.3294.

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
1.1411, 0.4530, 0.3294

Protanopia
1.2166, 0.3390, 0.3651

Deuteranopia
1.1849, 0.3831, 0.3801

Tritanopia
1.1446, 0.4480, 0.3250

Trichromacy

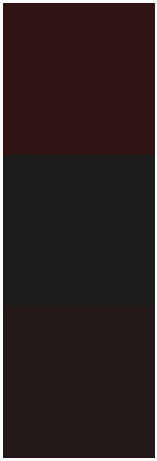
Original Color
1.1411, 0.4530, 0.3294

Protanomaly
1.1465, 0.3786, 0.3457

Deuteranomaly
1.1481, 0.4117, 0.3606

Tritanomaly
1.1446, 0.4480, 0.3250

Monochromacy



Original Color
1.1411, 0.4530, 0.3294

Achromatopsia
1.1612, 0.3127, 0.3290

Achromatomaly
1.1228, 0.3565, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 1.1411, 0.4530, 0.3294 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(48, 19, 19) looks like.

```
.text, #text, p{
    color:rgb(48, 19, 19)
}
```

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(48, 19, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 19, 19) }
```

Border

The CSS property to change the border of an element to Yxy 1.1411, 0.4530, 0.3294 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(48, 19, 19) }
```

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

```
.border{ border-color:rgb(48, 19, 19) }
```

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

Here you see how a box with a 4 pixel rgb(48, 19, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(48, 19, 19); -webkit-box-shadow:4px 4px 4px 4px rgb(48, 19, 19); box-shadow:4px 4px 4px 4px rgb(48, 19, 19) }
```

Background

The CSS property to change the background color of an element to Yxy 1.1411, 0.4530, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(48, 19, 19) }
```

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

```
.background{ background-color:rgb(48, 19,
19) }
```

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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