

Converting Colors

$Y_{xy}(30.3404, 0.3996, 0.5122)$

Have a look what the booklet for
Yxy(30.3404, 0.3996, 0.5122)
contains.

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Color

Yxy(30.3404, 0.3996, 0.5122)

Conversions

Conversions Part 1

Format	Color
Hex	8F9E13
RGB	143, 158, 19
RGB Percent	56%, 62%, 7%
CMY	0.4393, 0.3804, 0.9255
CMYK	0.10, 0.00, 0.88, 0.38
HSL	66°, 79%, 35%
HSV	66°, 88%, 62%
XYZ	23.6705, 30.3404, 5.2246
YIQ	137.6690, 35.6790, -46.4090

Conversions

Conversions Part 2

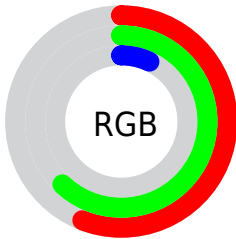
Format	Color
RYB	19, 158, 34
Decimal	9412115
CIELab	61.95, -21.40, 61.71
CIELCh	62, 65.320, 109.125
Yxy	30.3404, 0.3996, 0.5122
Android (android.graphics.Color)	4287602195 (0xFF8F9E13)
YUV	137.6690, -58.5038, 4.6753
Hunter-Lab	55.0821, -19.6867, 32.9338

Details

The Yxy color **30.3404, 0.3996, 0.5122** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.2752, 0.1645, 0.0763**, and the grayscale version is **25.4999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4619, 0.3884, 0.4782**, and **12.5901, 0.3898, 0.5287** is the 20% darker color. If you saturate the color by 10%, you get **30.1506, 0.4006, 0.5188**, and if you desaturate by 10%, it is **30.5685, 0.3964, 0.5018**.

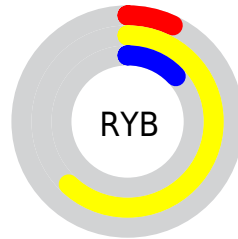
Distribution



Red (56%)

Green (62%)

Blue (7%)



Red (7%)

Yellow (62%)

Blue (13%)

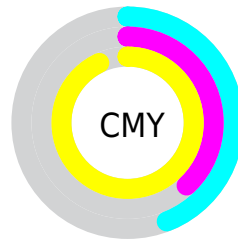


Cyan (10%)

Magenta (0%)

Yellow (88%)

Black (38%)



Cyan (44%)


Magenta (38%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3404, 0.3996, 0.5122 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 30.3404, 0.3996, 0.5122 by changing the saturation by 10% instead.


 30.3404, 0.3996,
0.5122


 30.3404, 0.3996,
0.5122


303.4879, 0.3621,
0.4168


 20.0971, 0.4043,
0.5341


 60.2001, 0.3888,
0.4782


 12.4657, 0.4068,
0.5599


 80.5853, 0.3838,
0.4650

 7.0616, 0.4064,
0.5936


 105.1199, 0.3792,
0.4539

 3.5007, 0.3843,
0.6157

 134.1883, 0.3750,
0.4443

 1.3984, 0.3444,
0.6556

 168.1749, 0.3712,
0.4360

 0.2155, 0.0000,
1.0000

 207.4641, 0.3679,

 0.0000, 0.0000,

0.4288

0.0000

252.4403, 0.3648,
0.4224

■ 30.3404, 0.3996,
0.5122

■ 30.3404, 0.3996,
0.5122

■ 30.1506, 0.4006,
0.5188

■ 30.5685, 0.3964,
0.5018

■ 30.1132, 0.4007,
0.5201

■ 30.8397, 0.3908,
0.4871

■ 31.1605, 0.3828,
0.4685

■ 31.5353, 0.3728,
0.4469

■ 31.9678, 0.3613,
0.4231

■ 32.4617, 0.3488,
0.3982

■ 33.0200, 0.3358,
0.3729

■ 33.6458, 0.3229,
0.3481

■ 34.3419, 0.3102,
0.3243

Harmonies

Analogous

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



30.3404, 0.4782, 0.4516



30.3404, 0.3996, 0.5122



30.3404, 0.3048, 0.5167

Triad

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



30.3404, 0.3996, 0.5122



30.3404, 0.1431, 0.2264



30.3404, 0.3992, 0.2486

Complementary

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



30.3404, 0.3996, 0.5122



3.2752, 0.1645, 0.0763

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.



30.3404, 0.2911, 0.2029



30.3404, 0.3996, 0.5122



30.3404, 0.1585, 0.1866

Square

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



30.3404, 0.3996, 0.5122



30.3404, 0.1609, 0.3112



30.3404, 0.2070, 0.1809



30.3404, 0.4890, 0.3102

Rectangle

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



30.3404, 0.3996, 0.5122



30.3404, 0.2438, 0.4681



30.3404, 0.2070, 0.1809



30.3404, 0.3625, 0.2311

Sweetspot

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



30.3418, 0.3996, 0.5122



59.0852, 0.3469, 0.3945



8.3993, 0.5996, 0.3412



13.2509, 0.3511, 0.4027



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.



30.3418, 0.3996, 0.5122



54.6268, 0.4003, 0.5203



25.9833, 0.3306, 0.5645



7.6840, 0.3245, 0.3512



24.1254, 0.4008, 0.5199



0.4407, 0.4088, 0.5136

Inverse Universe

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



3.2752, 0.1645, 0.0763



4.6572, 0.1535, 0.0619



5.7833, 0.2360, 0.1144



6.4679, 0.3003, 0.3060



2.0823, 0.1547, 0.0626



0.0460, 0.1755, 0.0741

Previews

White Background



This preview shows how the Yxy color 30.3404, 0.3996, 0.5122 looks on a white 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

Black Background



This preview shows how the Yxy color 30.3404, 0.3996, 0.5122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

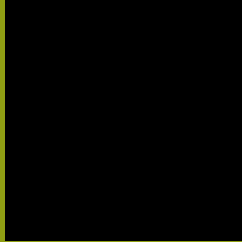
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3404, 0.3996, 0.5122

Background



This preview shows how black text looks on a background with the Yxy color 30.3404, 0.3996, 0.5122.



This preview shows how white text looks on a background with the Yxy color 30.3404, 0.3996, 0.5122.

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

30.3404, 0.3996, 0.5122

Protanopia

30.2851, 0.4375, 0.4842

Deuteranopia

30.1417, 0.4621, 0.4541



Tritanopia

30.3392, 0.3095, 0.3108

Trichromacy



Original Color

30.3404, 0.3996, 0.5122

Protanomaly

30.2965, 0.4240, 0.4943

Deuteranomaly

30.0296, 0.4399, 0.4752

Tritanomaly

29.7952, 0.3544, 0.3980

Monochromacy



Original Color

30.3404, 0.3996, 0.5122

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.6525, 0.3571, 0.4137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3404, 0.3996, 0.5122 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(143, 158, 19)` looks like.

```
.text, #text, p{  
  color:rgb(143, 158, 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(143, 158, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 158, 19) }
```

Border

The CSS property to change the border of an element to Yxy 30.3404, 0.3996, 0.5122 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(143, 158, 19) }
```

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

```
.border{ border-color:rgb(143, 158, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 158, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 158, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 158, 19);  
box-shadow:4px 4px 4px 4px rgb(143, 158,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3404, 0.3996, 0.5122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 158, 19) }
```

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

```
.background{ background-color: rgb(143,  
158, 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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