

Converting Colors

$Y_{xy}(29.2481, 0.4030, 0.5086)$

Have a look what the booklet for
Yxy(29.2481, 0.4030, 0.5086)
contains.

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Color

$\text{Yxy}(29.3328, 0.4023, 0.5092)$

Conversions

Conversions Part 1

Format	Color
Hex	8F9B14
RGB	143, 155, 20
RGB Percent	56%, 61%, 8%
CMY	0.4392, 0.3921, 0.9219
CMYK	0.08, 0.00, 0.87, 0.39
HSL	65°, 77%, 34%
HSV	65°, 87%, 61%
XYZ	23.1748, 29.3328, 5.0981
YIQ	136.0220, 36.1830, -44.5290

Conversions

Conversions Part 2

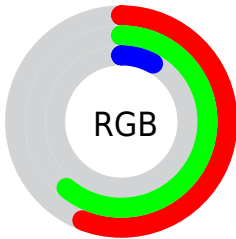
Format	Color
R _Y B	20, 155, 32
Decimal	9411348
CIE Lab	61.07, -19.85, 60.80
CIE LCh	61, 63.960, 108.082
Yxy	29.3328, 0.4023, 0.5092
Android (android.graphics.Color)	4287601428 (0xFF8F9B14)
YUV	136.0220, -57.1988, 6.1197
Hunter-Lab	54.1598, -18.4001, 32.3308

Details

The Yxy color **29.3328, 0.4023, 0.5092** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.1701, 0.1641, 0.0769**, and the grayscale version is **24.8350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4744, 0.3907, 0.4750**, and **11.9753, 0.3938, 0.5255** is the 20% darker color. If you saturate the color by 10%, you get **29.1714, 0.4037, 0.5157**, and if you desaturate by 10%, it is **29.5315, 0.3986, 0.4988**.

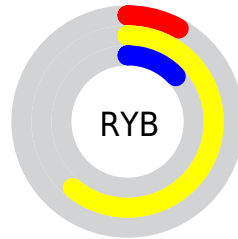
Distribution



Red (56%)

Green (61%)

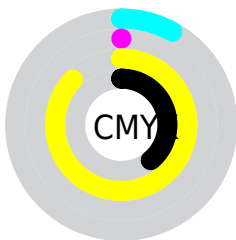
Blue (8%)



Red (8%)

Yellow (61%)

Blue (13%)

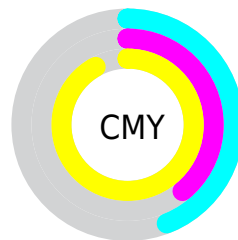


Cyan (8%)

Magenta (0%)

Yellow (87%)

Black (39%)



Cyan (44%)


Magenta (39%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3328, 0.4023, 0.5092 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 29.3328, 0.4023, 0.5092 by changing the saturation by 10% instead.


 29.3328, 0.4023,
0.5092


 29.3328, 0.4023,
0.5092


298.7820, 0.3629,
0.4152

 19.3327, 0.4076,
0.5308


 58.6054, 0.3907,
0.4756


 11.9109, 0.4109,
0.5564


 78.6468, 0.3854,
0.4627


 6.6831, 0.4110,
0.5890


 102.8040, 0.3806,
0.4516

 3.2647, 0.3897,
0.6103

 131.4615, 0.3762,
0.4422

 1.2714, 0.3487,
0.6513

 165.0036, 0.3723,
0.4340

 0.1189, 0.0000,
1.0000

 203.8148, 0.3688,

 0.0000, 0.0000,

0.4269

0.0000

248.2795, 0.3657,
0.4207

29.3328, 0.4023,
0.5092

29.3328, 0.4023,
0.5092

29.1714, 0.4037,
0.5157

29.5315, 0.3986,
0.4988

29.1272, 0.4040,
0.5174

29.7712, 0.3924,
0.4841

30.0579, 0.3838,
0.4657

30.3959, 0.3733,
0.4442

30.7886, 0.3614,
0.4206

■ 31.2395, 0.3485,
0.3958

■ 31.7515, 0.3353,
0.3707

■ 32.3276, 0.3220,
0.3461

■ 32.9702, 0.3091,
0.3224

Harmonies

Analogous

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



29.3328, 0.4792, 0.4485



29.3328, 0.4023, 0.5092



29.3328, 0.3085, 0.5161

Triad

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



29.3328, 0.4023, 0.5092



29.3328, 0.1443, 0.2295



29.3328, 0.3946, 0.2474

Complementary

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



29.3328, 0.4023, 0.5092



3.1701, 0.1641, 0.0769

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.



29.3328, 0.2879, 0.2027



29.3328, 0.4023, 0.5092



29.3328, 0.1586, 0.1884

Square

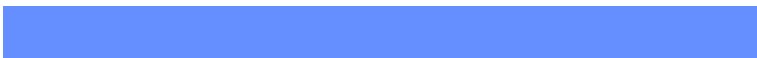
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.3328, 0.4023, 0.5092



29.3328, 0.1634, 0.3153



29.3328, 0.2056, 0.1817



29.3328, 0.4851, 0.3083

Rectangle

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



29.3328, 0.4023, 0.5092



29.3328, 0.2475, 0.4700



29.3328, 0.2056, 0.1817



29.3328, 0.3583, 0.2302

Sweetspot

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



29.3342, 0.4023, 0.5092



55.9984, 0.3477, 0.3942



8.0085, 0.5989, 0.3393



12.6131, 0.3519, 0.4022



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.3342, 0.4023, 0.5092



52.1180, 0.4037, 0.5176



25.0394, 0.3329, 0.5615



7.1950, 0.3247, 0.3511



23.4020, 0.4042, 0.5173



0.3569, 0.4114, 0.5115

Inverse Universe

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



3.1701, 0.1641, 0.0769



4.3659, 0.1527, 0.0615



5.5011, 0.2337, 0.1140



6.0513, 0.3001, 0.3061



1.9824, 0.1538, 0.0621



0.0357, 0.1719, 0.0721

Previews

White Background



This preview shows how the Yxy color 29.3328, 0.4023, 0.5092 looks on a white 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

Black Background



This preview shows how the Yxy color 29.3328, 0.4023, 0.5092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

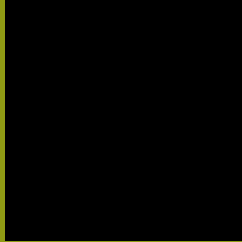
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3328, 0.4023, 0.5092

Background



This preview shows how black text looks on a background with the Yxy color 29.3328, 0.4023, 0.5092.



This preview shows how white text looks on a background with the Yxy color 29.3328, 0.4023, 0.5092.

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

29.3328, 0.4023, 0.5092

Protanopia

29.3273, 0.4363, 0.4844

Deuteranopia

29.1694, 0.4618, 0.4546



Tritanopia

29.2168, 0.3115, 0.3106

Trichromacy



Original Color

29.3328, 0.4023, 0.5092

Protanomaly

29.4460, 0.4238, 0.4937

Deuteranomaly

28.8760, 0.4412, 0.4736

Tritanomaly

28.7254, 0.3555, 0.3954

Monochromacy



Original Color

29.3328, 0.4023, 0.5092

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.9420, 0.3579, 0.4128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3328, 0.4023, 0.5092 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, 155, 20)` looks like.

```
.text, #text, p{  
    color:rgb(143, 155, 20)  
}
```

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, 155, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 155, 20) }
```

Border

The CSS property to change the border of an element to Yxy 29.3328, 0.4023, 0.5092 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, 155, 20) }
```

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

```
.border{ border-color:rgb(143, 155, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 155, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 155, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 155, 20);  
box-shadow:4px 4px 4px 4px rgb(143, 155,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3328, 0.4023, 0.5092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 155, 20) }
```

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

```
.background{ background-color: rgb(143,  
155, 20) }
```

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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