

Converting Colors

$Yxy(30.0517, 0.3595, 0.4291)$

Have a look what the booklet for
Yxy(30.0517, 0.3595, 0.4291)
contains.

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Color

Yxy(30.1623, 0.3589, 0.4296)

Conversions

Conversions Part 1

Format	Color
Hex	909B5D
RGB	144, 155, 93
RGB Percent	56%, 61%, 36%
CMY	0.4353, 0.3921, 0.6353
CMYK	0.07, 0.00, 0.40, 0.39
HSL	71°, 25%, 49%
HSV	71°, 40%, 61%
XYZ	25.1984, 30.1623, 14.8495
YIQ	144.6430, 13.3460, -21.6140

Conversions

Conversions Part 2

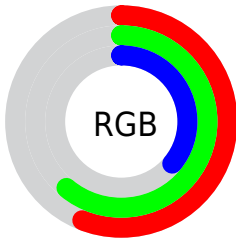
Format	Color
RYB	93, 155, 104
Decimal	9476957
CIELab	61.79, -14.11, 31.18
CIELCh	62, 34.226, 114.355
Yxy	30.1623, 0.3589, 0.4296
Android (android.graphics.Color)	4287667037 (0xFF909B5D)
YUV	144.6430, -25.4600, -0.5639
Hunter-Lab	54.9202, -14.2112, 22.4132

Details

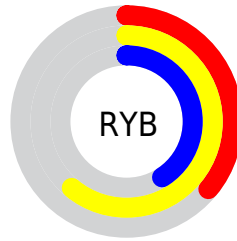
The Yxy color **30.1623, 0.3589, 0.4296** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.1390, 0.2531, 0.2140**, and the grayscale version is **28.2646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7567, 0.3511, 0.4083**, and **12.3654, 0.3705, 0.4657** is the 20% darker color. If you saturate the color by 10%, you get **29.6715, 0.3689, 0.4541**, and if you desaturate by 10%, it is **30.7175, 0.3478, 0.4041**.

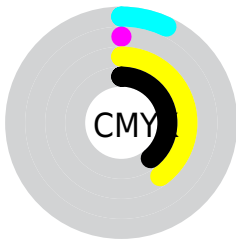
Distribution



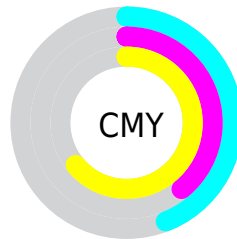
- Red (56%)
- Green (61%)
- Blue (36%)



- Red (36%)
- Yellow (61%)
- Blue (41%)



- Cyan (7%)
- Magenta (0%)
- Yellow (40%)
- Black (39%)





- Cyan (44%)
- Magenta (39%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1623, 0.3589, 0.4296 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 30.1623, 0.3589, 0.4296 by changing the saturation by 10% instead.

 30.1623, 0.3589,
0.4296


 30.1623, 0.3589,
0.4296


302.6602, 0.3356,
0.3746


 19.9618, 0.3644,
0.4447


 59.9188, 0.3506,
0.4085


 12.3673, 0.3709,
0.4649


 80.2435, 0.3474,
0.4010

 6.9943, 0.3785,
0.4927


 104.7118, 0.3447,
0.3947

 3.4586, 0.3907,
0.5395

 133.7080, 0.3424,
0.3894

 1.3756, 0.3949,
0.6051

167.6166, 0.3403,
0.3849

 0.1986, 0.0000,
1.0000

206.8219, 0.3386,

 0.0000, 0.0000,

0.3810

0.0000

251.7083, 0.3370,
0.3776

■ 30.1623, 0.3589,
0.4296

■ 30.1623, 0.3589,
0.4296

■ 29.6715, 0.3689,
0.4541

■ 30.7175, 0.3478,
0.4041

■ 29.2376, 0.3773,
0.4764

■ 31.3363, 0.3362,
0.3783

■ 28.8582, 0.3836,
0.4956


■ 32.0228, 0.3244,
0.3531


■ 28.5290, 0.3876,
0.5110


■ 32.7798, 0.3127,
0.3290

■ 28.2450, 0.3891,
0.5220

■ 33.6099, 0.3015,
0.3063

 27.9939, 0.3887,
0.5296

 34.5155, 0.2909,
0.2853

 35.4989, 0.2809,
0.2661

 36.5623, 0.2717,
0.2485

 37.7078, 0.2632,
0.2326

Harmonies

Analogous

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



30.1623, 0.4028, 0.4113



30.1623, 0.3589, 0.4296



30.1623, 0.3048, 0.4158

Triad

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



30.1623, 0.3589, 0.4296



30.1623, 0.2133, 0.2698



30.1623, 0.3690, 0.2904

Complementary

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



30.1623, 0.3589, 0.4296



13.1390, 0.2531, 0.2140

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.



30.1623, 0.3129, 0.2592



30.1623, 0.3589, 0.4296



30.1623, 0.2266, 0.2458

Square

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



30.1623, 0.3589, 0.4296



30.1623, 0.2231, 0.3145



30.1623, 0.2615, 0.2431



30.1623, 0.4108, 0.3310

Rectangle

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



30.1623, 0.3589, 0.4296



30.1623, 0.2705, 0.3882



30.1623, 0.2615, 0.2431



30.1623, 0.3509, 0.2787

Sweetspot

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



30.1637, 0.3589, 0.4296



57.0605, 0.3270, 0.3587



17.5265, 0.4030, 0.3466



12.8816, 0.3284, 0.3616



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.



30.1637, 0.3589, 0.4296



53.2239, 0.3679, 0.4515



27.7898, 0.3268, 0.4410



7.1675, 0.3234, 0.3512



22.4982, 0.3890, 0.5294



0.3492, 0.4035, 0.5178

Inverse Universe

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



13.1390, 0.2531, 0.2140



18.4230, 0.2366, 0.1844



15.2916, 0.2902, 0.2251



6.0764, 0.3014, 0.3062



2.1062, 0.1595, 0.0652



0.0430, 0.1919, 0.0831

Previews

White Background



This preview shows how the Yxy color 30.1623, 0.3589, 0.4296 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 30.1623, 0.3589, 0.4296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

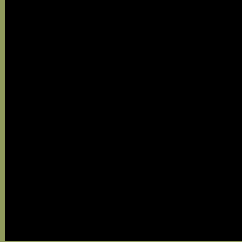
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1623, 0.3589, 0.4296

Background



This preview shows how black text looks on a background with the Yxy color 30.1623, 0.3589, 0.4296.



This preview shows how white text looks on a background with the Yxy color 30.1623, 0.3589, 0.4296.

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

30.1623, 0.3589, 0.4296

Protanopia

30.0368, 0.3852, 0.4171

Deuteranopia

29.8938, 0.4042, 0.3948



Tritanopia

30.0460, 0.3064, 0.3106

Trichromacy



Original Color

30.1623, 0.3589, 0.4296

Protanomaly

29.9738, 0.3752, 0.4211

Deuteranomaly

29.9092, 0.3872, 0.4072

Tritanomaly

29.9515, 0.3261, 0.3529

Monochromacy



Original Color

30.1623, 0.3589, 0.4296

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.0210, 0.3308, 0.3666

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1623, 0.3589, 0.4296 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(144, 155, 93)` looks like.

```
.text, #text, p{  
    color:rgb(144, 155, 93)  
}
```

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(144, 155, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 155, 93) }
```

Border

The CSS property to change the border of an element to Yxy 30.1623, 0.3589, 0.4296 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(144, 155, 93) }
```

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

```
.border{ border-color:rgb(144, 155, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 155, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 155, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 155, 93);  
box-shadow:4px 4px 4px 4px rgb(144, 155,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1623, 0.3589, 0.4296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 155, 93) }
```

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

```
.background{ background-color: rgb(144,  
155, 93) }
```

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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