

Converting Colors

$Yxy(30.5968, 0.3821, 0.4176)$

Have a look what the booklet for
Yxy(30.5968, 0.3821, 0.4176)
contains.

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Color

Yxy(30.6049, 0.3810, 0.4173)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A2975D |
| RGB | 162, 151, 93 |
| RGB Percent | 64%, 59%, 36% |
| CMY | 0.3647, 0.4078, 0.6353 |
| CMYK | 0.00, 0.07, 0.43, 0.36 |
| HSL | 50°, 27%, 50% |
| HSV | 50°, 43%, 64% |
| XYZ | 27.9426, 30.6049, 14.7927 |
| YIQ | 147.6770, 25.1740, -15.7060 |

Conversions

Conversions Part 2

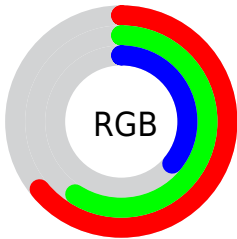
| Format | Color |
|-------------------------------------|---|
| RYB | 106, 162, 93 |
| Decimal | 10655581 |
| CIELab | 62.17, -4.49, 31.96 |
| CIElCh | 62, 32.278, 97.989 |
| Yxy | 30.6049, 0.3810, 0.4173 |
| Android (android.graphics.Color) | 4288845661 (0xFFA2975D) |
| YUV | 147.6770, -26.9558, 12.5613 |
| Hunter-Lab | 55.3217, -6.6537, 22.8713 |

Details

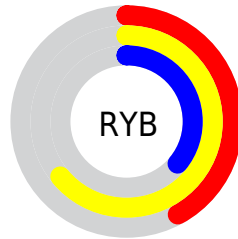
The Yxy color **30.6049, 0.3810, 0.4173** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.8378, 0.2385, 0.2214**, and the grayscale version is **29.5801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5817, 0.3682, 0.3999**, and **12.5550, 0.4020, 0.4452** is the 20% darker color. If you saturate the color by 10%, you get **29.5271, 0.3973, 0.4362**, and if you desaturate by 10%, it is **31.7646, 0.3643, 0.3968**.

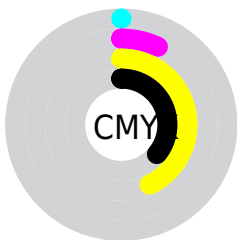
Distribution



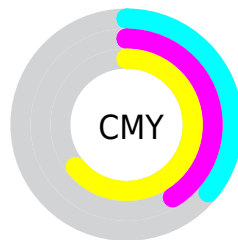
- Red (64%)
- Green (59%)
- Blue (36%)



- Red (42%)
- Yellow (64%)
- Blue (36%)



- Cyan (0%)
- Magenta (7%)
- Yellow (43%)
- Black (36%)





- Cyan (36%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.6049, 0.3810, 0.4173 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 30.6049, 0.3810, 0.4173 by changing the saturation by 10% instead.


 30.6049, 0.3810,
0.4173


 30.6049, 0.3810,
0.4173


304.7139, 0.3455,
0.3704


 20.2982, 0.3899,
0.4296


 60.6175, 0.3680,
0.3997


 12.6120, 0.4011,
0.4455


 81.0921, 0.3631,
0.3933

 7.1619, 0.4153,
0.4665


 105.7249, 0.3590,
0.3879

 3.5636, 0.4379,
0.5006

 134.9001, 0.3555,
0.3833

 1.4326, 0.4592,
0.5408

169.0023, 0.3525,
0.3794

 0.2405, 0.3312,
0.6688

208.4157, 0.3499,

 0.0000, 0.0000,

0.3760

0.0000

253.5248, 0.3476,
0.3730

■ 30.6049, 0.3810,
0.4173

■ 30.6049, 0.3810,
0.4173

■ 29.5271, 0.3973,
0.4362

■ 31.7646, 0.3643,
0.3968

■ 28.5229, 0.4124,
0.4527

■ 33.0055, 0.3477,
0.3757

■ 27.5892, 0.4258,
0.4658

■ 34.3324, 0.3316,
0.3546

■ 26.7212, 0.4369,
0.4748

■ 35.7485, 0.3165,
0.3341

■ 25.9126, 0.4452,
0.4793

■ 37.2568, 0.3023,
0.3146

■ 25.3411, 0.4502,
0.4808

■ 38.8601, 0.2893,
0.2963

■ 40.5609, 0.2775,
0.2793

■ 42.3620, 0.2667,
0.2637

■ 44.2657, 0.2570,
0.2493

Harmonies

Analogous

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



30.6049, 0.4112, 0.3892



30.6049, 0.3810, 0.4173



30.6049, 0.3337, 0.4213

Triad

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



30.6049, 0.3810, 0.4173



30.6049, 0.2212, 0.2945



30.6049, 0.3374, 0.2750

Complementary

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



30.6049, 0.3810, 0.4173



14.8378, 0.2385, 0.2214

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.



30.6049, 0.2852, 0.2527



30.6049, 0.3810, 0.4173



30.6049, 0.2219, 0.2605

Square

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



30.6049, 0.3810, 0.4173



30.6049, 0.2425, 0.3441



30.6049, 0.2441, 0.2469



30.6049, 0.3861, 0.3095

Rectangle

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



30.6049, 0.3810, 0.4173



30.6049, 0.2994, 0.4062



30.6049, 0.2441, 0.2469



30.6049, 0.3195, 0.2660

Sweetspot

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



30.6063, 0.3810, 0.4173



62.1659, 0.3327, 0.3560



16.5216, 0.4014, 0.3108



13.8447, 0.3360, 0.3605



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.6063, 0.3810, 0.4173



53.7226, 0.3963, 0.4351



32.1194, 0.3505, 0.4407



8.0442, 0.3265, 0.3478



20.0170, 0.4499, 0.4810



0.4690, 0.4372, 0.4910

Inverse Universe

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



14.8378, 0.2385, 0.2214



21.3141, 0.2202, 0.1928



14.1527, 0.2603, 0.2088



7.0338, 0.2987, 0.3095



2.6744, 0.1544, 0.0758



0.1049, 0.1688, 0.1276

Previews

White Background



This preview shows how the Yxy color 30.6049, 0.3810, 0.4173 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 30.6049, 0.3810, 0.4173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

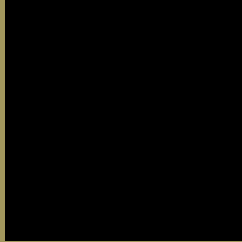
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6049, 0.3810, 0.4173

Background



This preview shows how black text looks on a background with the Yxy color 30.6049, 0.3810, 0.4173.



This preview shows how white text looks on a background with the Yxy color 30.6049, 0.3810, 0.4173.

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

30.6049, 0.3810, 0.4173

Protanopia

30.4955, 0.3839, 0.4152

Deuteranopia

30.5965, 0.4050, 0.3985



Tritanopia

30.7481, 0.3283, 0.3130

Trichromacy



Original Color

30.6049, 0.3810, 0.4173

Protanomaly

30.3895, 0.3827, 0.4156

Deuteranomaly

30.6743, 0.3961, 0.4062

Tritanomaly

30.6404, 0.3481, 0.3517

Monochromacy



Original Color

30.6049, 0.3810, 0.4173

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.8257, 0.3375, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6049, 0.3810, 0.4173 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(162, 151, 93)` looks like.

```
.text, #text, p{  
    color:rgb(162, 151, 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(162, 151, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 151, 93) }
```

Border

The CSS property to change the border of an element to Yxy 30.6049, 0.3810, 0.4173 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(162, 151, 93) }
```

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

```
.border{ border-color:rgb(162, 151, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 151, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 151, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 151, 93);  
box-shadow:4px 4px 4px 4px rgb(162, 151,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6049, 0.3810, 0.4173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 151, 93) }
```

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

```
.background{ background-color: rgb(162,  
151, 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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