

Converting Colors

$Yxy(30.7967, 0.3749, 0.4055)$

Have a look what the booklet for
Yxy(30.7967, 0.3749, 0.4055)
contains.

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Color

Yxy(30.8593, 0.3745, 0.4053)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A39765 |
| RGB | 163, 151, 101 |
| RGB Percent | 64%, 59%, 40% |
| CMY | 0.3609, 0.4078, 0.6039 |
| CMYK | 0.00, 0.07, 0.38, 0.36 |
| HSL | 48°, 25%, 52% |
| HSV | 48°, 38%, 64% |
| XYZ | 28.5142, 30.8593, 16.7659 |
| YIQ | 148.8880, 23.2020, -13.0060 |

Conversions

Conversions Part 2

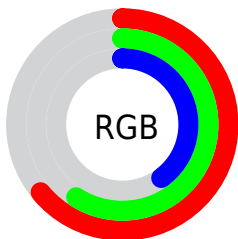
| Format | Color |
|-------------------------------------|---|
| RYB | 116, 163, 101 |
| Decimal | 10721125 |
| CIELab | 62.39, -3.17, 27.96 |
| CIELCh | 62, 28.134, 96.460 |
| Yxy | 30.8593, 0.3745, 0.4053 |
| Android (android.graphics.Color) | 4288911205 (0xFFA39765) |
| YUV | 148.8880, -23.6088, 12.3762 |
| Hunter-Lab | 55.5511, -5.5911, 20.9915 |

Details

The Yxy color $30.8593, 0.3745, 0.4053$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.2089, 0.2479, 0.2387$, and the grayscale version is $30.0981, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.9897, 0.3631, 0.3905$, and $12.6864, 0.3940, 0.4297$ is the 20% darker color. If you saturate the color by 10%, you get $29.5742, 0.3918, 0.4245$, and if you desaturate by 10%, it is $32.2375, 0.3573, 0.3851$.

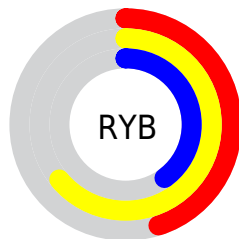
Distribution



Red (64%)

Green (59%)

Blue (40%)



Red (45%)

Yellow (64%)

Blue (40%)

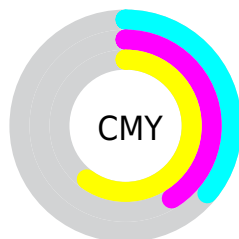


Cyan (0%)

Magenta (7%)

Yellow (38%)

Black (36%)



Cyan (36%)


Magenta (41%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8593, 0.3745, 0.4053 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 30.8593, 0.3745, 0.4053 by changing the saturation by 10% instead.


 30.8593, 0.3745,
0.4053


 30.8593, 0.3745,
0.4053


305.8896, 0.3422,
0.3647

 20.4917, 0.3828,
0.4160


 61.0185, 0.3625,
0.3901


 12.7530, 0.3935,
0.4300


 81.5789, 0.3581,
0.3845

 7.2587, 0.4075,
0.4488


 106.3057, 0.3543,
0.3798

 3.6244, 0.4267,
0.4757

 135.5833, 0.3512,
0.3759

 1.4658, 0.4677,
0.5323

169.7961, 0.3484,
0.3725

 0.2644, 0.3970,
0.6030

209.3285, 0.3461,

 0.0000, 0.0000,

0.3696

0.0000

254.5649, 0.3440,
0.3670

■ 30.8593, 0.3745,
0.4053

■ 30.8593, 0.3745,
0.4053

■ 29.5742, 0.3918,
0.4245

■ 32.2375, 0.3573,
0.3851

■ 28.3740, 0.4084,
0.4417

■ 33.7083, 0.3405,
0.3646

■ 27.2558, 0.4238,
0.4560

■ 35.2765, 0.3247,
0.3446

■ 26.2147, 0.4371,
0.4665

■ 36.9452, 0.3099,
0.3253

■ 25.2449, 0.4479,
0.4726

■ 38.7175, 0.2963,
0.3070

■ 24.3367, 0.4561,
0.4746

■ 40.5962, 0.2839,
0.2900

■ 24.1612, 0.4576,
0.4748

■ 42.5841, 0.2726,
0.2743

■ 44.6839, 0.2625,
0.2599

■ 46.8980, 0.2534,
0.2467

Harmonies

Analogous

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



30.8593, 0.3994, 0.3809



30.8593, 0.3745, 0.4053



30.8593, 0.3339, 0.4091

Triad

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



30.8593, 0.3745, 0.4053



30.8593, 0.2327, 0.3015



30.8593, 0.3321, 0.2802

Complementary

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



30.8593, 0.3745, 0.4053



17.2089, 0.2479, 0.2387

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.



30.8593, 0.2868, 0.2610



30.8593, 0.3745, 0.4053



30.8593, 0.2323, 0.2705

Square

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



30.8593, 0.3745, 0.4053



30.8593, 0.2529, 0.3447



30.8593, 0.2512, 0.2570



30.8593, 0.3746, 0.3105

Rectangle

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



30.8593, 0.3745, 0.4053



30.8593, 0.3039, 0.3967



30.8593, 0.2512, 0.2570



30.8593, 0.3166, 0.2723

Sweetspot

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



30.8607, 0.3745, 0.4053



62.2956, 0.3296, 0.3509



18.2917, 0.3849, 0.3094



13.9099, 0.3316, 0.3534



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.



30.8607, 0.3745, 0.4053



53.2528, 0.3898, 0.4223



33.0839, 0.3491, 0.4276



8.0041, 0.3266, 0.3470



18.8501, 0.4572, 0.4752



0.4523, 0.4413, 0.4878

Inverse Universe

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



17.2089, 0.2479, 0.2387



25.1250, 0.2310, 0.2133



15.9149, 0.2648, 0.2224



7.0708, 0.2987, 0.3103



2.8868, 0.1559, 0.0810



0.1179, 0.1721, 0.1397

Previews

White Background



This preview shows how the Yxy color 30.8593, 0.3745, 0.4053 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 30.8593, 0.3745, 0.4053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

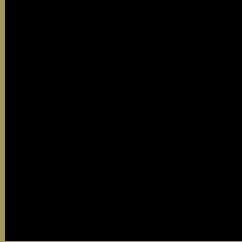
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8593, 0.3745, 0.4053

Background



This preview shows how black text looks on a background with the Yxy color 30.8593, 0.3745, 0.4053.



This preview shows how white text looks on a background with the Yxy color 30.8593, 0.3745, 0.4053.

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

30.8593, 0.3745, 0.4053

Protanopia

30.9653, 0.3757, 0.4050

Deuteranopia

30.6091, 0.3967, 0.3892



Tritanopia

30.7481, 0.3283, 0.3130

Trichromacy



Original Color

30.8593, 0.3745, 0.4053

Protanomaly

30.9653, 0.3757, 0.4050

Deuteranomaly

30.8254, 0.3881, 0.3950

Tritanomaly

30.8322, 0.3461, 0.3471

Monochromacy



Original Color

30.8593, 0.3745, 0.4053

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.3487, 0.3343, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8593, 0.3745, 0.4053 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(163, 151, 101)` looks like.

```
.text, #text, p{  
    color:rgb(163, 151, 101)  
}
```

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(163, 151, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 151, 101) }
```

Border

The CSS property to change the border of an element to Yxy 30.8593, 0.3745, 0.4053 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(163, 151, 101) }
```

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

```
.border{ border-color:rgb(163, 151, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 151, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 151, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 151, 101);  
box-shadow:4px 4px 4px 4px rgb(163, 151,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8593, 0.3745, 0.4053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 151, 101) }
```

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

```
.background{ background-color: rgb(163,  
151, 101) }
```

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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