

Converting Colors

$Yxy(38.5787, 0.3420, 0.3757)$

Have a look what the booklet for
Yxy(38.5787, 0.3420, 0.3757)
contains.

| | |
|---|----|
| Yxy(38.6996, 0.3425, 0.3764) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(38.6996, 0.3425, 0.3764)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AAA988 |
| RGB | 170, 169, 136 |
| RGB Percent | 67%, 66%, 53% |
| CMY | 0.3332, 0.3373, 0.4667 |
| CMYK | 0.00, 0.01, 0.20, 0.33 |
| HSL | 58°, 17%, 60% |
| HSV | 58°, 20%, 67% |
| XYZ | 35.2142, 38.6996, 28.9013 |
| YIQ | 165.5370, 11.1890, -10.0510 |

Conversions

Conversions Part 2

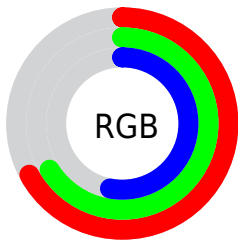
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 137, 170, 136 |
| Decimal | 11184520 |
| CIELab | 68.53, -5.26, 17.21 |
| CIELCh | 69, 17.998, 106.977 |
| Yxy | 38.6996, 0.3425, 0.3764 |
| Android (android.graphics.Color) | 4289374600 (0xFFAAA988) |
| YUV | 165.5370, -14.5617, 3.9141 |
| Hunter-Lab | 62.2090, -7.8236, 16.0011 |

Details

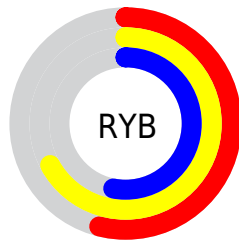
The Yxy color **38.6996, 0.3425, 0.3764** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.0358, 0.2802, 0.2767**, and the grayscale version is **37.9682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1542, 0.3376, 0.3675**, and **17.2460, 0.3520, 0.3913** is the 20% darker color. If you saturate the color by 10%, you get **38.0629, 0.3577, 0.4004**, and if you desaturate by 10%, it is **39.4172, 0.3274, 0.3524**.

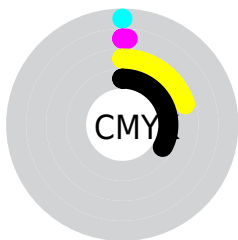
Distribution



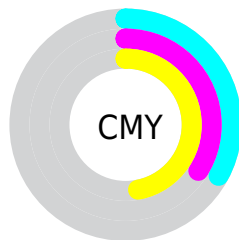
- Red (67%)
- Green (66%)
- Blue (53%)



- Red (54%)
- Yellow (67%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6996, 0.3425, 0.3764 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 38.6996, 0.3425, 0.3764 by changing the saturation by 10% instead.


 38.6996, 0.3425,
0.3764


 38.6996, 0.3425,
0.3764


340.6116, 0.3273,
0.3517


 26.5261, 0.3463,
0.3829

 73.1792, 0.3369,
0.3672

 17.2176, 0.3513,
0.3914


 96.2541, 0.3349,
0.3638

 10.3898, 0.3579,
0.4029


 123.7316, 0.3331,
0.3610

 5.6582, 0.3670,
0.4196

155.9960, 0.3316,
0.3586

 2.6384, 0.3802,
0.4455

193.4319, 0.3303,
0.3565

 0.9460, 0.4486,
0.5514

236.4235, 0.3292,

 0.0000, 0.0000,

0.3547

0.0000

285.3553, 0.3282,
0.3531

■ 38.6996, 0.3425,
0.3764

■ 38.6996, 0.3425,
0.3764

■ 38.0629, 0.3577,
0.4004

■ 39.4172, 0.3274,
0.3524

■ 37.4984, 0.3725,
0.4235

■ 40.2139, 0.3127,
0.3291

■ 37.0038, 0.3863,
0.4449

■ 41.0946, 0.2988,
0.3068


■ 36.5749, 0.3985,
0.4637


■ 42.0623, 0.2858,
0.2858


■ 36.2070, 0.4087,
0.4790


■ 43.1198, 0.2738,
0.2665


 35.8947, 0.4164,
0.4903


 44.2699, 0.2628,
0.2487

 35.6316, 0.4216,
0.4973

 45.5145, 0.2528,
0.2324

 35.4044, 0.4247,
0.5010

 45.7133, 0.2529,
0.2331

 45.9129, 0.2530,
0.2337

Harmonies

Analogous

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



38.6996, 0.3607, 0.3671



38.6996, 0.3425, 0.3764



38.6996, 0.3167, 0.3721

Triad

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



38.6996, 0.3425, 0.3764



38.6996, 0.2624, 0.3059



38.6996, 0.3340, 0.3052

Complementary

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



38.6996, 0.3425, 0.3764



26.0358, 0.2802, 0.2767

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.



38.6996, 0.3069, 0.2903



38.6996, 0.3425, 0.3764



38.6996, 0.2664, 0.2898

Square

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



38.6996, 0.3425, 0.3764



38.6996, 0.2710, 0.3297



38.6996, 0.2823, 0.2846



38.6996, 0.3559, 0.3261

Rectangle

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



38.6996, 0.3425, 0.3764



38.6996, 0.2989, 0.3616



38.6996, 0.2823, 0.2846



38.6996, 0.3251, 0.2994

Sweetspot

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



38.7013, 0.3425, 0.3764



72.0341, 0.3216, 0.3432



27.9645, 0.3502, 0.3274



16.0440, 0.3225, 0.3446



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



38.7013, 0.3425, 0.3764



69.6603, 0.3492, 0.3870



37.4239, 0.3270, 0.3803



8.7339, 0.3263, 0.3507



26.0477, 0.4246, 0.5010



0.6454, 0.4227, 0.5025

Inverse Universe

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



26.0358, 0.2802, 0.2767



42.4935, 0.2720, 0.2635



27.1720, 0.2960, 0.2775



7.3359, 0.2986, 0.3064



2.2329, 0.1507, 0.0625



0.0655, 0.1538, 0.0737

Previews

White Background



This preview shows how the Yxy color 38.6996, 0.3425, 0.3764 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 38.6996, 0.3425, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

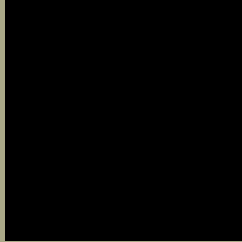
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

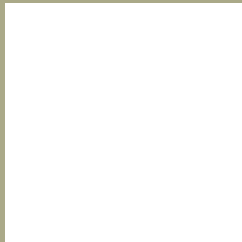
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.6996, 0.3425, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 38.6996, 0.3425, 0.3764.



This preview shows how white text looks on a background with the Yxy color 38.6996, 0.3425, 0.3764.

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

38.6996, 0.3425, 0.3764

Protanopia

38.7338, 0.3508, 0.3741

Deuteranopia

38.6622, 0.3661, 0.3599



Tritanopia

38.4429, 0.3126, 0.3112

Trichromacy



Original Color

38.6996, 0.3425, 0.3764

Protanomaly

38.7532, 0.3475, 0.3759

Deuteranomaly

38.6713, 0.3579, 0.3662

Tritanomaly

38.3677, 0.3238, 0.3346

Monochromacy



Original Color

38.6996, 0.3425, 0.3764

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.2195, 0.3231, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6996, 0.3425, 0.3764 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(170, 169, 136)` looks like.

```
.text, #text, p{  
    color:rgb(170, 169, 136)  
}
```

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(170, 169, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 169, 136) }
```

Border

The CSS property to change the border of an element to Yxy 38.6996, 0.3425, 0.3764 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(170, 169, 136) }
```

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

```
.border{ border-color:rgb(170, 169, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 169, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 169, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 169, 136);  
box-shadow:4px 4px 4px 4px rgb(170, 169,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6996, 0.3425, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 169, 136) }
```

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

```
.background{ background-color: rgb(170,  
169, 136) }
```

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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