

Converting Colors

$Yxy(36.5529, 0.3216, 0.3775)$

Have a look what the booklet for
Yxy(36.5529, 0.3216, 0.3775)
contains.

Yxy(36.5716, 0.3214, 0.3780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.5716, 0.3214, 0.3780)

Conversions

Conversions Part 1

Format	Color
Hex	95A989
RGB	149, 169, 137
RGB Percent	58%, 66%, 54%
CMY	0.4157, 0.3372, 0.4628
CMYK	0.12, 0.00, 0.19, 0.34
HSL	98°, 16%, 60%
HSV	98°, 19%, 66%
XYZ	31.0955, 36.5716, 29.0831
YIQ	159.3720, -1.6480, -14.1920

Conversions

Conversions Part 2

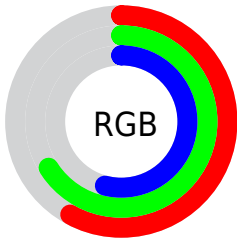
Format	Color
RYB	137, 169, 157
Decimal	9808265
CIELab	66.95, -13.04, 14.22
CIElCh	67, 19.292, 132.506
Yxy	36.5716, 0.3214, 0.3780
Android (android.graphics.Color)	4287998345 (0xFF95A989)
YUV	159.3720, -11.0294, -9.0962
Hunter-Lab	60.4745, -14.0469, 13.8186

Details

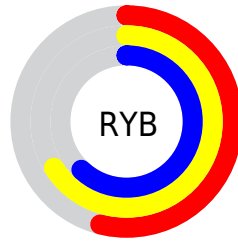
The Yxy color **36.5716, 0.3214, 0.3780** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.9227, 0.3023, 0.2812**, and the grayscale version is **34.9018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7255, 0.3200, 0.3684**, and **16.0074, 0.3236, 0.3948** is the 20% darker color. If you saturate the color by 10%, you get **35.1763, 0.3256, 0.4071**, and if you desaturate by 10%, it is **38.1362, 0.3169, 0.3511**.

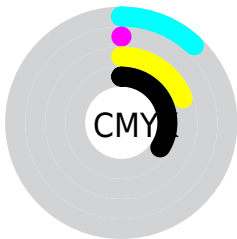
Distribution



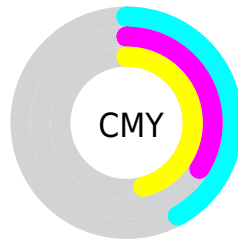
- Red (58%)
- Green (66%)
- Blue (54%)



- Red (54%)
- Yellow (66%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (34%)





- Cyan (42%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5716, 0.3214, 0.3780 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 36.5716, 0.3214, 0.3780 by changing the saturation by 10% instead.


 36.5716, 0.3214,
0.3780


 36.5716, 0.3214,
0.3780


331.4520, 0.3172,
0.3519


 24.8760, 0.3224,
0.3851


 69.9134, 0.3199,
0.3681

 15.9847, 0.3235,
0.3946


 92.3284, 0.3194,
0.3645

 9.5133, 0.3250,
0.4078


 119.0853, 0.3189,
0.3615

 5.0775, 0.3266,
0.4278

150.5684, 0.3185,
0.3590

 2.2928, 0.3280,
0.4606

187.1623, 0.3181,
0.3568

 0.7699, 0.3494,
0.6506

229.2513, 0.3178,

 0.0000, 0.0000,

0.3550

0.0000

277.2197, 0.3175,
0.3533

■ 36.5716, 0.3214,
0.3780

■ 36.5716, 0.3214,
0.3780

■ 35.1763, 0.3256,
0.4071

■ 38.1362, 0.3169,
0.3511

■ 33.9397, 0.3292,
0.4376

■ 39.8710, 0.3122,
0.3265

■ 32.8571, 0.3318,
0.4688


■ 41.7829, 0.3076,
0.3044

■ 31.9217, 0.3331,
0.4991


■ 43.8769, 0.3031,
0.2847

■ 31.1262, 0.3329,
0.5270


■ 46.1579, 0.2989,
0.2672


 30.4624, 0.3309,
0.5507

 48.6307, 0.2948,
0.2518


 29.9213, 0.3271,
0.5689

 51.2805, 0.2912,
0.2384

 29.4878, 0.3223,
0.5815

 53.0114, 0.2995,
0.2405

 29.4466, 0.3218,
0.5827

 54.8489, 0.3079,
0.2427

Harmonies

Analogous

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



36.5716, 0.3488, 0.3802



36.5716, 0.3214, 0.3780



36.5716, 0.2925, 0.3606

Triad

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



36.5716, 0.3214, 0.3780



36.5716, 0.2608, 0.2882



36.5716, 0.3571, 0.3221

Complementary

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



36.5716, 0.3214, 0.3780



27.9227, 0.3023, 0.2812

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.



36.5716, 0.3316, 0.3002



36.5716, 0.3214, 0.3780



36.5716, 0.2763, 0.2807

Square

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



36.5716, 0.3214, 0.3780



36.5716, 0.2584, 0.3071



36.5716, 0.3019, 0.2853



36.5716, 0.3702, 0.3465

Rectangle

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



36.5716, 0.3214, 0.3780



36.5716, 0.2763, 0.3433



36.5716, 0.3019, 0.2853



36.5716, 0.3496, 0.3142

Sweetspot

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



36.5732, 0.3214, 0.3780



69.1425, 0.3156, 0.3439



34.2660, 0.3437, 0.3581



15.0295, 0.3158, 0.3454



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



36.5732, 0.3214, 0.3780



64.3403, 0.3233, 0.3907



35.6113, 0.3073, 0.3736



8.5396, 0.3170, 0.3519



21.9727, 0.3225, 0.5821



0.5639, 0.3505, 0.5599

Inverse Universe

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



27.9227, 0.3023, 0.2812



45.7888, 0.2993, 0.2692



29.0512, 0.3186, 0.2882



7.5241, 0.3080, 0.3063



4.4349, 0.2303, 0.1042



0.1357, 0.2611, 0.1212

Previews

White Background



This preview shows how the Yxy color 36.5716, 0.3214, 0.3780 looks on a white background.

Color Contrast Check

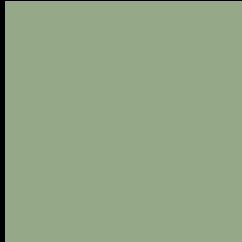
Large Text (above 18pt) WCAG AA × Fail

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 36.5716, 0.3214, 0.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

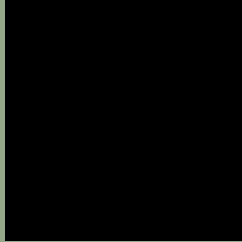
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5716, 0.3214, 0.3780

Background



This preview shows how black text looks on a background with the Yxy color 36.5716, 0.3214, 0.3780.



This preview shows how white text looks on a background with the Yxy color 36.5716, 0.3214, 0.3780.

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

36.5716, 0.3214, 0.3780

Protanopia

36.3325, 0.3482, 0.3695

Deuteranopia

36.5722, 0.3593, 0.3525



Tritanopia

36.6938, 0.2936, 0.3103

Trichromacy



Original Color

36.5716, 0.3214, 0.3780

Protanomaly

36.5520, 0.3384, 0.3733

Deuteranomaly

36.2381, 0.3448, 0.3607

Tritanomaly

36.6534, 0.3042, 0.3349

Monochromacy



Original Color

36.5716, 0.3214, 0.3780

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.3973, 0.3157, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5716, 0.3214, 0.3780 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(149, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(149, 169, 137)  
}
```

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(149, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 169, 137) }
```

Border

The CSS property to change the border of an element to Yxy 36.5716, 0.3214, 0.3780 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(149, 169, 137) }
```

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

```
.border{ border-color:rgb(149, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 169, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 169, 137); box-shadow:4px 4px 4px 4px rgb(149, 169, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5716, 0.3214, 0.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 169, 137) }
```

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

```
.background{ background-color: rgb(149,  
169, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor