

Converting Colors

$Yxy(37.6800, 0.3208, 0.4060)$

Have a look what the booklet for
Yxy(37.6800, 0.3208, 0.4060)
contains.

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Color

Yxy(37.6553, 0.3204, 0.4056)

Conversions

Conversions Part 1

Format	Color
Hex	8BAF7E
RGB	139, 175, 126
RGB Percent	55%, 69%, 49%
CMY	0.4548, 0.3137, 0.5059
CMYK	0.21, 0.00, 0.28, 0.31
HSL	104°, 23%, 59%
HSV	104°, 28%, 69%
XYZ	29.7455, 37.6553, 25.4378
YIQ	158.6500, -5.7270, -22.8710

Conversions

Conversions Part 2

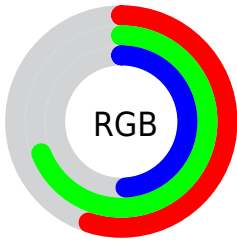
Format	Color
RYB	126, 175, 162
Decimal	9154430
CIELab	67.77, -21.59, 21.24
CIElCh	68, 30.292, 135.465
Yxy	37.6553, 0.3204, 0.4056
Android (android.graphics.Color)	4287344510 (0xFF8BAF7E)
YUV	158.6500, -16.0965, -17.2331
Hunter-Lab	61.3639, -20.8610, 18.3767

Details

The Yxy color **37.6553, 0.3204, 0.4056** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **25.6954, 0.3018, 0.2577**, and the grayscale version is **34.5818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7440, 0.3193, 0.3902**, and **16.5296, 0.3208, 0.4303** is the 20% darker color. If you saturate the color by 10%, you get **36.2019, 0.3224, 0.4372**, and if you desaturate by 10%, it is **39.3210, 0.3179, 0.3759**.

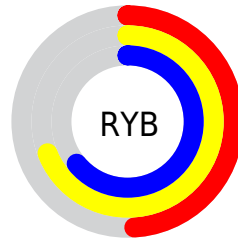
Distribution



Red (55%)

Green (69%)

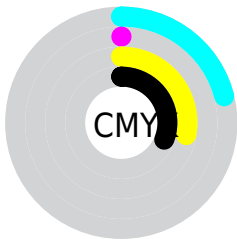
Blue (49%)



Red (49%)

Yellow (69%)

Blue (64%)

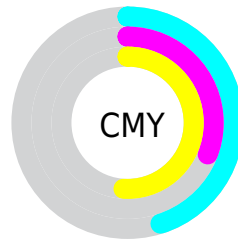


Cyan (21%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (45%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6553, 0.3204, 0.4056 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 37.6553, 0.3204, 0.4056 by changing the saturation by 10% instead.


 37.6553, 0.3204,
0.4056


 37.6553, 0.3204,
0.4056


336.1390, 0.3173,
0.3645

 25.7153, 0.3208,
0.4169


 71.5795, 0.3195,
0.3899

 16.6108, 0.3212,
0.4319

 94.3324, 0.3191,
0.3843

 9.9574, 0.3211,
0.4530


 121.4585, 0.3187,
0.3796

 5.3707, 0.3198,
0.4845

153.3420, 0.3184,
0.3756

 2.4664, 0.3168,
0.5396

190.3675, 0.3181,
0.3722

 0.8597, 0.2523,
0.7477

232.9192, 0.3178,

 0.0000, 0.0000,

0.3693

0.0000

281.3815, 0.3175,
0.3667

■ 37.6553, 0.3204,
0.4056

■ 37.6553, 0.3204,
0.4056

■ 36.2019, 0.3224,
0.4372

■ 39.3210, 0.3179,
0.3759

■ 34.9473, 0.3236,
0.4698

■ 41.2023, 0.3151,
0.3488

■ 33.8839, 0.3237,
0.5018

■ 43.3083, 0.3121,
0.3243

■ 33.0017, 0.3226,
0.5315

■ 45.6464, 0.3091,
0.3026


■ 32.2898, 0.3202,
0.5568


■ 48.2235, 0.3062,
0.2834

 31.7357, 0.3167,
0.5760

 51.0461, 0.3034,
0.2665

 31.3224, 0.3123,
0.5886

 54.1208, 0.3007,
0.2517

 31.2526, 0.3115,
0.5908

 56.7247, 0.3060,
0.2482

 59.0767, 0.3161,
0.2507

Harmonies

Analogous

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



37.6553, 0.3638, 0.4097



37.6553, 0.3204, 0.4056



37.6553, 0.2768, 0.3755

Triad

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



37.6553, 0.3204, 0.4056



37.6553, 0.2354, 0.2640



37.6553, 0.3851, 0.3209

Complementary

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



37.6553, 0.3204, 0.4056



25.6954, 0.3018, 0.2577

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.



37.6553, 0.3461, 0.2881



37.6553, 0.3204, 0.4056



37.6553, 0.2599, 0.2559

Square

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



37.6553, 0.3204, 0.4056



37.6553, 0.2299, 0.2902



37.6553, 0.2997, 0.2649



37.6553, 0.4032, 0.3574

Rectangle

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



37.6553, 0.3204, 0.4056



37.6553, 0.2534, 0.3464



37.6553, 0.2997, 0.2649



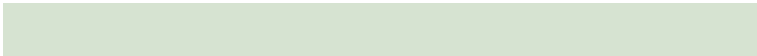
37.6553, 0.3739, 0.3092

Sweetspot

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



37.6569, 0.3204, 0.4056



73.7429, 0.3151, 0.3491



36.4373, 0.3588, 0.3805



16.2734, 0.3156, 0.3530



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.6569, 0.3204, 0.4056



65.6846, 0.3218, 0.4263



36.9140, 0.3003, 0.3892



9.0384, 0.3155, 0.3522



22.4073, 0.3122, 0.5903



0.6502, 0.3357, 0.5717

Inverse Universe

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



25.6954, 0.3018, 0.2577



40.4737, 0.2984, 0.2401



26.6998, 0.3282, 0.2756



8.0394, 0.3097, 0.3064



5.5618, 0.2556, 0.1181



0.1795, 0.2764, 0.1296

Previews

White Background



This preview shows how the Yxy color 37.6553, 0.3204, 0.4056 looks on a white background.

Color Contrast Check

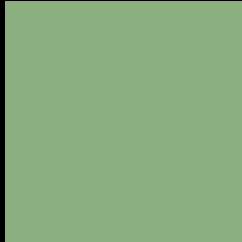
Large Text (above 18pt) WCAG AA × Fail

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 37.6553, 0.3204, 0.4056 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 37.6553, 0.3204, 0.4056

Background



This preview shows how black text looks on a background with the Yxy color 37.6553, 0.3204, 0.4056.



This preview shows how white text looks on a background with the Yxy color 37.6553, 0.3204, 0.4056.

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

37.6553, 0.3204, 0.4056

Protanopia

37.2785, 0.3647, 0.3900

Deuteranopia

37.2719, 0.3740, 0.3669



Tritanopia

37.6374, 0.2848, 0.3101

Trichromacy



Original Color

37.6553, 0.3204, 0.4056

Protanomaly

37.2219, 0.3473, 0.3955

Deuteranomaly

37.0201, 0.3532, 0.3793

Tritanomaly

37.7188, 0.2979, 0.3439

Monochromacy



Original Color

37.6553, 0.3204, 0.4056

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.6923, 0.3161, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6553, 0.3204, 0.4056 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(139, 175, 126)` looks like.

```
.text, #text, p{  
    color:rgb(139, 175, 126)  
}
```

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(139, 175, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 175, 126) }
```

Border

The CSS property to change the border of an element to Yxy 37.6553, 0.3204, 0.4056 is called "border". The border property can be set on classes, ids or directly on the HTML element.

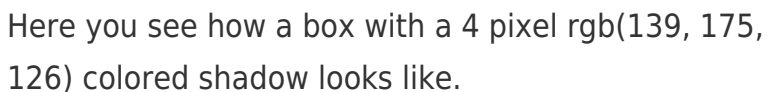
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 175, 126) }
```

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

```
.border{ border-color:rgb(139, 175, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 175, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 175, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 175, 126); box-shadow:4px 4px 4px 4px rgb(139, 175, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6553, 0.3204, 0.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 175, 126) }
```

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

```
.background{ background-color: rgb(139,  
175, 126) }
```

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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