

Converting Colors

$Yxy(37.9267, 0.3206, 0.4050)$

Have a look what the booklet for
Yxy(37.9267, 0.3206, 0.4050)
contains.

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Color

Yxy(37.7677, 0.3205, 0.4038)

Conversions

Conversions Part 1

Format	Color
Hex	8CAF7F
RGB	140, 175, 127
RGB Percent	55%, 69%, 50%
CMY	0.4509, 0.3137, 0.5020
CMYK	0.20, 0.00, 0.27, 0.31
HSL	104°, 23%, 59%
HSV	104°, 27%, 69%
XYZ	29.9766, 37.7677, 25.7864
YIQ	159.0630, -5.4520, -22.3480

Conversions

Conversions Part 2

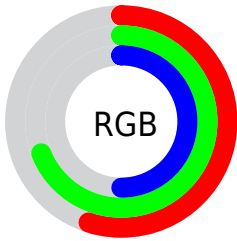
Format	Color
RYB	127, 175, 162
Decimal	9219967
CIELab	67.85, -21.07, 20.83
CIElCh	68, 29.630, 135.337
Yxy	37.7677, 0.3205, 0.4038
Android (android.graphics.Color)	4287410047 (0xFF8CAF7F)
YUV	159.0630, -15.8071, -16.7183
Hunter-Lab	61.4554, -20.4787, 18.1410

Details

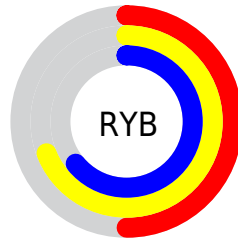
The Yxy color **37.7677, 0.3205, 0.4038** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **25.9530, 0.3018, 0.2591**, and the grayscale version is **34.7780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9164, 0.3194, 0.3889**, and **16.5930, 0.3210, 0.4276** is the 20% darker color. If you saturate the color by 10%, you get **36.3072, 0.3226, 0.4353**, and if you desaturate by 10%, it is **39.4392, 0.3179, 0.3743**.

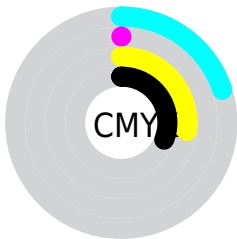
Distribution



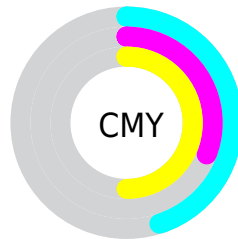
- Red (55%)
- Green (69%)
- Blue (50%)



- Red (50%)
- Yellow (69%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (27%)
- Black (31%)




- Cyan (45%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7677, 0.3205, 0.4038 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 37.7677, 0.3205, 0.4038 by changing the saturation by 10% instead.

 37.7677, 0.3205,
0.4038

 37.7677, 0.3205,
0.4038


336.6224, 0.3173,
0.3637


 25.8024, 0.3210,
0.4148

 71.7519, 0.3195,
0.3885

 16.6759, 0.3214,
0.4294


 94.5397, 0.3191,
0.3830

 10.0037, 0.3214,
0.4499


 121.7038, 0.3187,
0.3784

 5.4014, 0.3204,
0.4806

153.6286, 0.3184,
0.3745

 2.4847, 0.3174,
0.5333

190.6984, 0.3181,
0.3712

 0.8689, 0.2638,
0.7362

233.2977, 0.3178,

 0.0000, 0.0000,

0.3684

0.0000

281.8109, 0.3175,
0.3659

■ 37.7677, 0.3205,
0.4038

■ 37.7677, 0.3205,
0.4038

■ 36.3072, 0.3226,
0.4353

■ 39.4392, 0.3179,
0.3743

■ 35.0443, 0.3239,
0.4678

■ 41.3248, 0.3150,
0.3473

■ 33.9716, 0.3242,
0.4998


■ 43.4336, 0.3119,
0.3230


■ 33.0793, 0.3232,
0.5296

■ 45.7728, 0.3089,
0.3014

■ 32.3565, 0.3209,
0.5552

■ 48.3492, 0.3058,
0.2823


 31.7911, 0.3174,
0.5747

 51.1694, 0.3030,
0.2656

 31.3672, 0.3130,
0.5877

 54.2396, 0.3002,
0.2508

 31.2758, 0.3120,
0.5905

 56.7689, 0.3062,
0.2483

 59.1062, 0.3162,
0.2507

Harmonies

Analogous

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



37.7677, 0.3629, 0.4078



37.7677, 0.3205, 0.4038



37.7677, 0.2778, 0.3746

Triad

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



37.7677, 0.3205, 0.4038



37.7677, 0.2370, 0.2655



37.7677, 0.3833, 0.3210

Complementary

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



37.7677, 0.3205, 0.4038



25.9530, 0.3018, 0.2591

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.



37.7677, 0.3452, 0.2888



37.7677, 0.3205, 0.4038



37.7677, 0.2610, 0.2575

Square

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



37.7677, 0.3205, 0.4038



37.7677, 0.2317, 0.2913



37.7677, 0.2999, 0.2662



37.7677, 0.4011, 0.3567

Rectangle

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



37.7677, 0.3205, 0.4038



37.7677, 0.2549, 0.3462



37.7677, 0.2999, 0.2662



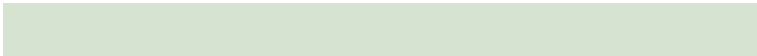
37.7677, 0.3723, 0.3096

Sweetspot

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



37.7693, 0.3205, 0.4038



73.7574, 0.3152, 0.3491



36.2764, 0.3580, 0.3784



16.2772, 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.



37.7693, 0.3205, 0.4038



65.9909, 0.3219, 0.4229



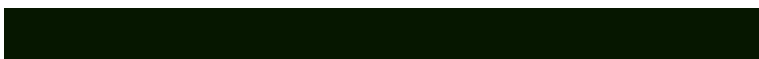
36.9902, 0.3011, 0.3891



9.0405, 0.3155, 0.3521



22.4235, 0.3127, 0.5899



0.6510, 0.3363, 0.5712

Inverse Universe

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



25.9530, 0.3018, 0.2591



41.2330, 0.2986, 0.2427



26.9939, 0.3269, 0.2756



8.0373, 0.3096, 0.3064



5.5103, 0.2543, 0.1174



0.1783, 0.2755, 0.1291

Previews

White Background



This preview shows how the Yxy color 37.7677, 0.3205, 0.4038 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 37.7677, 0.3205, 0.4038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

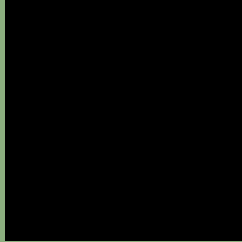
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7677, 0.3205, 0.4038

Background



This preview shows how black text looks on a background with the Yxy color 37.7677, 0.3205, 0.4038.



This preview shows how white text looks on a background with the Yxy color 37.7677, 0.3205, 0.4038.

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

37.7677, 0.3205, 0.4038

Protanopia

37.6625, 0.3634, 0.3899

Deuteranopia

37.2989, 0.3731, 0.3656



Tritanopia

37.7310, 0.2856, 0.3102

Trichromacy



Original Color

37.7677, 0.3205, 0.4038

Protanomaly

37.7237, 0.3471, 0.3952

Deuteranomaly

37.0469, 0.3523, 0.3779

Tritanomaly

37.8100, 0.2988, 0.3439

Monochromacy



Original Color

37.7677, 0.3205, 0.4038

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 37.7677, 0.3205, 0.4038 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(140, 175, 127)` looks like.

```
.text, #text, p{  
    color:rgb(140, 175, 127)  
}
```

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(140, 175, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 175, 127) }
```

Border

The CSS property to change the border of an element to Yxy 37.7677, 0.3205, 0.4038 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(140, 175, 127) }
```

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

```
.border{ border-color:rgb(140, 175, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 175, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 175, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 175, 127);  
box-shadow:4px 4px 4px 4px rgb(140, 175,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7677, 0.3205, 0.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 175, 127) }
```

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

```
.background{ background-color: rgb(140,  
175, 127) }
```

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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