

Converting Colors

$Yxy(40.7494, 0.3140, 0.3487)$

Have a look what the booklet for
Yxy(40.7494, 0.3140, 0.3487)
contains.

Yxy(40.5967, 0.3144, 0.3489)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.5967, 0.3144, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	A3AEA0
RGB	163, 174, 160
RGB Percent	64%, 68%, 63%
CMY	0.3609, 0.3176, 0.3724
CMYK	0.06, 0.00, 0.08, 0.32
HSL	107°, 8%, 65%
HSV	107°, 8%, 68%
XYZ	36.5824, 40.5967, 39.1772
YIQ	169.1150, -2.0620, -6.6860

Conversions

Conversions Part 2

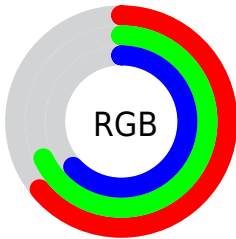
Format	Color
RYB	160, 174, 171
Decimal	10727072
CIELab	69.89, -6.52, 5.84
CIELCh	70, 8.754, 138.159
Yxy	40.5967, 0.3144, 0.3489
Android (android.graphics.Color)	4288917152 (0xFFA3AEA0)
YUV	169.1150, -4.4937, -5.3629
Hunter-Lab	63.7155, -9.0161, 8.1449

Details

The Yxy color **40.5967, 0.3144, 0.3489** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8728, 0.3108, 0.3096**, and the grayscale version is **39.7588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8503, 0.3141, 0.3443**, and **18.4027, 0.3140, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **38.6592, 0.3163, 0.3762**, and if you desaturate by 10%, it is **42.7805, 0.3123, 0.3244**.

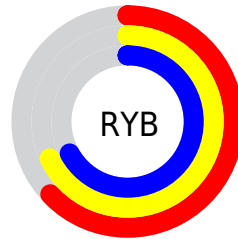
Distribution



Red (64%)

Green (68%)

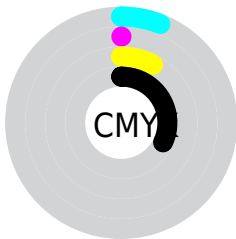
Blue (63%)



Red (63%)

Yellow (68%)

Blue (67%)

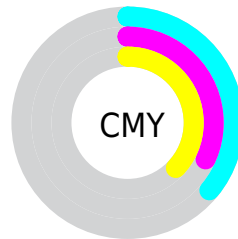


Cyan (6%)

Magenta (0%)

Yellow (8%)

Black (32%)



Cyan (36%)

Magenta (32%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5967, 0.3144, 0.3489 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 40.5967, 0.3144, 0.3489 by changing the saturation by 10% instead.

 40.5967, 0.3144,
0.3489


 40.5967, 0.3144,
0.3489


348.6322, 0.3136,
0.3386

 28.0041, 0.3146,
0.3516


 76.0713, 0.3141,
0.3451

 18.3287, 0.3148,
0.3551


 99.7221, 0.3140,
0.3437

 11.1863, 0.3151,
0.3600


127.8277, 0.3139,
0.3425

 6.1923, 0.3155,
0.3670

160.7725, 0.3138,
0.3415

 2.9623, 0.3159,
0.3782

198.9410, 0.3138,
0.3406

 1.1121, 0.3175,
0.4002

242.7175, 0.3137,

 0.0000, 0.0000,

0.3399

0.0000

292.4865, 0.3136,
0.3392

■ 40.5967, 0.3144,
0.3489

■ 40.5967, 0.3144,
0.3489

■ 38.6592, 0.3163,
0.3762

■ 42.7805, 0.3123,
0.3244

■ 36.9543, 0.3180,
0.4062

■ 45.2135, 0.3101,
0.3027

■ 35.4745, 0.3191,
0.4384

■ 47.9051, 0.3080,
0.2837

■ 34.2104, 0.3196,
0.4716

■ 50.8627, 0.3059,
0.2670

■ 33.1516, 0.3192,
0.5043

■ 54.0935, 0.3039,
0.2525

■ 32.2868, 0.3178,
0.5346

■ 56.9817, 0.3089,
0.2479

■ 31.6035, 0.3154,
0.5602

■ 58.7562, 0.3164,
0.2498

■ 31.0880, 0.3121,
0.5795

■ 30.7212, 0.3083,
0.5918

Harmonies

Analogous

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



40.5967, 0.3267, 0.3515



40.5967, 0.3144, 0.3489



40.5967, 0.3018, 0.3406

Triad

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



40.5967, 0.3144, 0.3489



40.5967, 0.2904, 0.3100



40.5967, 0.3336, 0.3283

Complementary

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



40.5967, 0.3144, 0.3489



36.8728, 0.3108, 0.3096

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.



40.5967, 0.3235, 0.3178



40.5967, 0.3144, 0.3489



40.5967, 0.2986, 0.3073

Square

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



40.5967, 0.3144, 0.3489



40.5967, 0.2881, 0.3179



40.5967, 0.3106, 0.3101



40.5967, 0.3380, 0.3393

Rectangle

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



40.5967, 0.3144, 0.3489



40.5967, 0.2949, 0.3331



40.5967, 0.3106, 0.3101



40.5967, 0.3307, 0.3246

Sweetspot

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



40.5984, 0.3144, 0.3489



75.9530, 0.3131, 0.3339



40.6574, 0.3248, 0.3442



16.8911, 0.3131, 0.3336



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.



40.5984, 0.3144, 0.3489



72.8425, 0.3148, 0.3545



40.4324, 0.3085, 0.3433



9.0175, 0.3147, 0.3522



22.2582, 0.3083, 0.5934



0.6420, 0.3289, 0.5771

Inverse Universe

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



36.8728, 0.3108, 0.3096



64.4075, 0.3103, 0.3042



37.0548, 0.3172, 0.3151



8.0617, 0.3105, 0.3064



6.1237, 0.2690, 0.1255



0.1914, 0.2857, 0.1347

Previews

White Background



This preview shows how the Yxy color 40.5967, 0.3144, 0.3489 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 40.5967, 0.3144, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

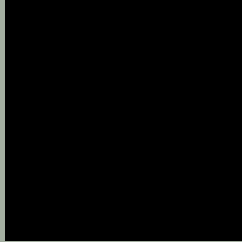
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

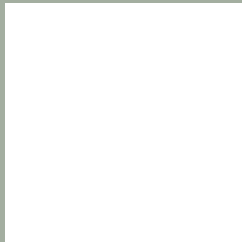
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.5967, 0.3144, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 40.5967, 0.3144, 0.3489.



This preview shows how white text looks on a background with the Yxy color 40.5967, 0.3144, 0.3489.

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

40.5967, 0.3144, 0.3489

Protanopia

40.5652, 0.3295, 0.3456

Deuteranopia

40.4661, 0.3392, 0.3331



Tritanopia

40.4256, 0.2986, 0.3098

Trichromacy



Original Color

40.5967, 0.3144, 0.3489

Protanomaly

40.3997, 0.3238, 0.3458

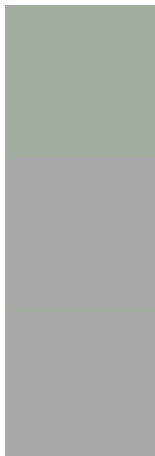
Deuteranomaly

40.2818, 0.3300, 0.3386

Tritanomaly

40.3280, 0.3050, 0.3234

Monochromacy



Original Color

40.5967, 0.3144, 0.3489

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.0945, 0.3133, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5967, 0.3144, 0.3489 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, 174, 160)` looks like.

```
.text, #text, p{  
    color:rgb(163, 174, 160)  
}
```

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, 174, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 174, 160) }
```

Border

The CSS property to change the border of an element to Yxy 40.5967, 0.3144, 0.3489 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, 174, 160) }
```

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

```
.border{ border-color:rgb(163, 174, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 174, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 174, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 174, 160);  
box-shadow:4px 4px 4px 4px rgb(163, 174,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5967, 0.3144, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 174, 160) }
```

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

```
.background{ background-color: rgb(163,  
174, 160) }
```

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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