

Converting Colors

Yxy(37.9194, 0.3124, 0.3542)

Have a look what the booklet for
Yxy(37.9194, 0.3124, 0.3542)
contains.

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Color

Yxy(37.9194, 0.3124, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	9AAA99
RGB	154, 170, 153
RGB Percent	60%, 67%, 60%
CMY	0.3963, 0.3333, 0.4000
CMYK	0.09, 0.00, 0.10, 0.33
HSL	117°, 9%, 63%
HSV	117°, 10%, 67%
XYZ	33.4444, 37.9194, 35.6926
YIQ	163.2780, -4.0790, -8.6790

Conversions

Conversions Part 2

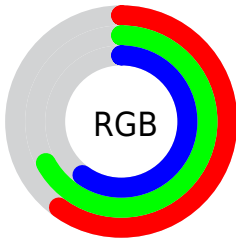
Format	Color
RYB	153, 170, 169
Decimal	10136217
CIELab	67.96, -8.91, 6.86
CIELCh	68, 11.244, 142.409
Yxy	37.9194, 0.3124, 0.3542
Android (android.graphics.Color)	4288326297 (0xFF9AAA99)
YUV	163.2780, -5.0671, -8.1368
Hunter-Lab	61.5787, -10.8164, 8.7391

Details

The Yxy color **37.9194, 0.3124, 0.3542** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1267, 0.3129, 0.3049**, and the grayscale version is **36.7874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7653, 0.3125, 0.3493**, and **16.7997, 0.3124, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **35.9286, 0.3119, 0.3826**, and if you desaturate by 10%, it is **40.2040, 0.3127, 0.3290**.

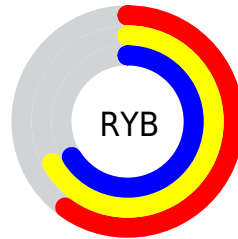
Distribution



Red (60%)

Green (67%)

Blue (60%)



Red (60%)

Yellow (67%)

Blue (66%)

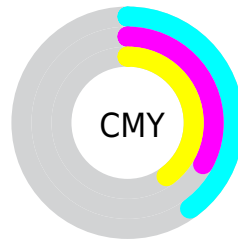


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (33%)



Cyan (40%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9194, 0.3124, 0.3542 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 37.9194, 0.3124, 0.3542 by changing the saturation by 10% instead.


 37.9194, 0.3124,
0.3542


 37.9194, 0.3124,
0.3542

337.2741, 0.3127,
0.3410

 25.9201, 0.3123,
0.3577


 71.9846, 0.3125,
0.3492

 16.7639, 0.3121,
0.3624


 94.8193, 0.3126,
0.3474

 10.0663, 0.3119,
0.3689


122.0346, 0.3126,
0.3459

 5.4429, 0.3114,
0.3785

154.0149, 0.3126,
0.3446

 2.5094, 0.3104,
0.3942

191.1446, 0.3126,
0.3435

 0.8814, 0.3130,
0.4448

233.8081, 0.3126,

 0.0000, 0.0000,

0.3425

0.0000

282.3898, 0.3127,
0.3417

■ 37.9194, 0.3124,
0.3542

■ 37.9194, 0.3124,
0.3542

■ 35.9286, 0.3119,
0.3826

■ 40.2040, 0.3127,
0.3290

■ 34.2149, 0.3112,
0.4141

■ 42.7885, 0.3129,
0.3070

■ 32.7677, 0.3102,
0.4479

■ 45.6849, 0.3130,
0.2879

■ 31.5735, 0.3090,
0.4827

■ 48.9031, 0.3130,
0.2714

■ 30.6177, 0.3075,
0.5167

■ 52.4527, 0.3129,
0.2572

■ 29.8844, 0.3059,
0.5473

■ 56.3421, 0.3128,
0.2450

■ 29.3554, 0.3041,
0.5720

■ 57.2354, 0.3166,
0.2460

■ 29.0101, 0.3024,
0.5891

■ 28.8171, 0.3013,
0.5990

Harmonies

Analogous

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



37.9194, 0.3290, 0.3587



37.9194, 0.3124, 0.3542



37.9194, 0.2962, 0.3423

Triad

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



37.9194, 0.3124, 0.3542



37.9194, 0.2846, 0.3031



37.9194, 0.3415, 0.3301

Complementary

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



37.9194, 0.3124, 0.3542



34.1267, 0.3129, 0.3049

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.



37.9194, 0.3290, 0.3161



37.9194, 0.3124, 0.3542



37.9194, 0.2961, 0.3007

Square

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



37.9194, 0.3124, 0.3542



37.9194, 0.2805, 0.3125



37.9194, 0.3123, 0.3055



37.9194, 0.3461, 0.3442

Rectangle

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



37.9194, 0.3124, 0.3542



37.9194, 0.2878, 0.3321



37.9194, 0.3123, 0.3055



37.9194, 0.3381, 0.3252

Sweetspot

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



37.9210, 0.3124, 0.3542



71.6125, 0.3126, 0.3363



39.1796, 0.3275, 0.3515



15.8950, 0.3126, 0.3383



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.



37.9210, 0.3124, 0.3542



67.9465, 0.3123, 0.3602



38.0788, 0.3054, 0.3432



8.4271, 0.3124, 0.3523



21.2021, 0.3016, 0.5988



0.5219, 0.3087, 0.5931

Inverse Universe

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



34.1267, 0.3129, 0.3049



59.6692, 0.3129, 0.2995



33.9616, 0.3207, 0.3152



7.6448, 0.3129, 0.3067



7.6745, 0.3071, 0.1466



0.1930, 0.3120, 0.1492

Previews

White Background



This preview shows how the Yxy color 37.9194, 0.3124, 0.3542 looks on a white background.

Color Contrast Check

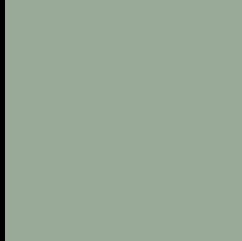
Large Text (above 18pt) WCAG AA × Fail

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 37.9194, 0.3124, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

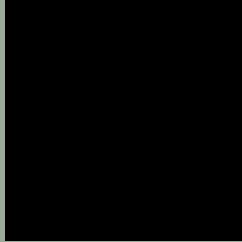
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

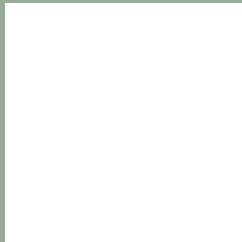
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.9194, 0.3124, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 37.9194, 0.3124, 0.3542.



This preview shows how white text looks on a background with the Yxy color 37.9194, 0.3124, 0.3542.

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

37.9194, 0.3124, 0.3542

Protanopia

37.8829, 0.3327, 0.3504

Deuteranopia

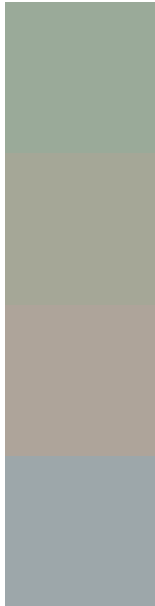
37.8225, 0.3419, 0.3359



Tritanopia

37.7962, 0.2947, 0.3105

Trichromacy



Original Color

37.9194, 0.3124, 0.3542

Protanomaly

37.8711, 0.3247, 0.3522

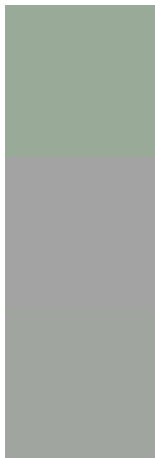
Deuteranomaly

37.8827, 0.3312, 0.3431

Tritanomaly

37.7078, 0.3011, 0.3246

Monochromacy



Original Color

37.9194, 0.3124, 0.3542

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.2492, 0.3132, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9194, 0.3124, 0.3542 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(154, 170, 153)` looks like.

```
.text, #text, p{  
    color:rgb(154, 170, 153)  
}
```

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(154, 170, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 170, 153) }
```

Border

The CSS property to change the border of an element to Yxy 37.9194, 0.3124, 0.3542 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(154, 170, 153) }
```

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

```
.border{ border-color:rgb(154, 170, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 170, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 170, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 170, 153);  
box-shadow:4px 4px 4px 4px rgb(154, 170,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9194, 0.3124, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 170, 153) }
```

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

```
.background{ background-color: rgb(154,  
170, 153) }
```

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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