

Converting Colors

$Yxy(37.8069, 0.3197, 0.3822)$

Have a look what the booklet for
Yxy(37.8069, 0.3197, 0.3822)
contains.

Yxy(37.6359, 0.3192, 0.3808)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.6359, 0.3192, 0.3808)

Conversions

Conversions Part 1

Format	Color
Hex	94AC8A
RGB	148, 172, 138
RGB Percent	58%, 67%, 54%
CMY	0.4198, 0.3254, 0.4588
CMYK	0.14, 0.00, 0.20, 0.33
HSL	102°, 17%, 61%
HSV	102°, 20%, 67%
XYZ	31.5477, 37.6359, 29.6501
YIQ	160.9480, -3.3900, -15.6620

Conversions

Conversions Part 2

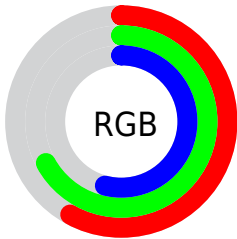
Format	Color
RYB	138, 172, 162
Decimal	9743498
CIELab	67.75, -14.81, 14.76
CIELCh	68, 20.912, 135.084
Yxy	37.6359, 0.3192, 0.3808
Android (android.graphics.Color)	4287933578 (0xFF94AC8A)
YUV	160.9480, -11.3134, -11.3554
Hunter-Lab	61.3481, -15.5671, 14.2882

Details

The Yxy color **37.6359, 0.3192, 0.3808** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.8474, 0.3046, 0.2794**, and the grayscale version is **35.6678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3005, 0.3178, 0.3694**, and **16.6789, 0.3205, 0.3987** is the 20% darker color. If you saturate the color by 10%, you get **36.1027, 0.3220, 0.4106**, and if you desaturate by 10%, it is **39.3706, 0.3160, 0.3533**.

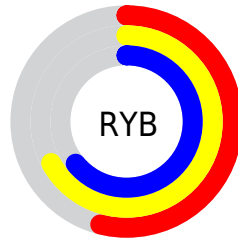
Distribution



Red (58%)

Green (67%)

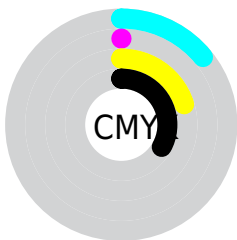
Blue (54%)



Red (54%)

Yellow (67%)

Blue (64%)

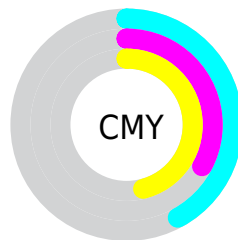


Cyan (14%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (42%)


Magenta (33%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6359, 0.3192, 0.3808 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 37.6359, 0.3192, 0.3808 by changing the saturation by 10% instead.


 37.6359, 0.3192,
0.3808


 37.6359, 0.3192,
0.3808


336.0555, 0.3162,
0.3533


 25.7002, 0.3198,
0.3883


 71.5497, 0.3182,
0.3704

 16.5995, 0.3205,
0.3982


 94.2967, 0.3178,
0.3666

 9.9494, 0.3213,
0.4121


 121.4161, 0.3175,
0.3634

 5.3654, 0.3219,
0.4329

153.2926, 0.3171,
0.3608

 2.4632, 0.3217,
0.4670

190.3103, 0.3169,
0.3585

 0.8581, 0.3461,
0.6539

232.8538, 0.3166,

 0.0000, 0.0000,

0.3565

0.0000

281.3074, 0.3164,
0.3548

■ 37.6359, 0.3192,
0.3808

■ 37.6359, 0.3192,
0.3808

■ 36.1027, 0.3220,
0.4106

■ 39.3706, 0.3160,
0.3533

■ 34.7587, 0.3243,
0.4422

■ 41.3088, 0.3126,
0.3285

■ 33.5976, 0.3257,
0.4744

■ 43.4588, 0.3092,
0.3062

■ 32.6111, 0.3259,
0.5058

■ 45.8270, 0.3059,
0.2865

■ 31.7899, 0.3248,
0.5345

■ 48.4193, 0.3027,
0.2692

■ 31.1241, 0.3222,
0.5586

■ 51.2416, 0.2997,
0.2539

■ 30.6020, 0.3184,
0.5766

■ 54.0771, 0.2992,
0.2435

■ 30.2047, 0.3139,
0.5888

■ 56.1979, 0.3088,
0.2459

■ 30.1966, 0.3138,
0.5890

■ 57.9901, 0.3165,
0.2479

Harmonies

Analogous

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



37.6359, 0.3491, 0.3845



37.6359, 0.3192, 0.3808



37.6359, 0.2886, 0.3609

Triad

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



37.6359, 0.3192, 0.3808



37.6359, 0.2580, 0.2840



37.6359, 0.3622, 0.3237

Complementary

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



37.6359, 0.3192, 0.3808



28.8474, 0.3046, 0.2794

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.



37.6359, 0.3356, 0.2999



37.6359, 0.3192, 0.3808



37.6359, 0.2756, 0.2773

Square

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



37.6359, 0.3192, 0.3808



37.6359, 0.2543, 0.3032



37.6359, 0.3037, 0.2832



37.6359, 0.3749, 0.3498

Rectangle

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



37.6359, 0.3192, 0.3808



37.6359, 0.2717, 0.3417



37.6359, 0.3037, 0.2832



37.6359, 0.3545, 0.3152

Sweetspot

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



37.6375, 0.3192, 0.3808



72.6547, 0.3148, 0.3439



36.3821, 0.3445, 0.3634



15.7428, 0.3150, 0.3455



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.



37.6375, 0.3192, 0.3808



66.9264, 0.3206, 0.3944



36.9528, 0.3048, 0.3713



9.0486, 0.3159, 0.3521



22.4925, 0.3145, 0.5885



0.6541, 0.3389, 0.5691

Inverse Universe

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



28.8474, 0.3046, 0.2794



47.8606, 0.3023, 0.2670



29.6767, 0.3218, 0.2901



8.0286, 0.3093, 0.3063



5.3071, 0.2491, 0.1146



0.1739, 0.2719, 0.1271

Previews

White Background



This preview shows how the Yxy color 37.6359, 0.3192, 0.3808 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 37.6359, 0.3192, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

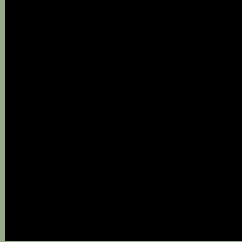
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6359, 0.3192, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 37.6359, 0.3192, 0.3808.



This preview shows how white text looks on a background with the Yxy color 37.6359, 0.3192, 0.3808.

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

37.6359, 0.3192, 0.3808

Protanopia

37.2708, 0.3496, 0.3719

Deuteranopia

37.5382, 0.3598, 0.3536



Tritanopia

37.5363, 0.2913, 0.3090

Trichromacy



Original Color

37.6359, 0.3192, 0.3808

Protanomaly

37.3860, 0.3389, 0.3759

Deuteranomaly

37.4430, 0.3441, 0.3633

Tritanomaly

37.3973, 0.3008, 0.3334

Monochromacy



Original Color

37.6359, 0.3192, 0.3808

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.2781, 0.3147, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6359, 0.3192, 0.3808 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(148, 172, 138)` looks like.

```
.text, #text, p{  
    color:rgb(148, 172, 138)  
}
```

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(148, 172, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 172, 138) }
```

Border

The CSS property to change the border of an element to Yxy 37.6359, 0.3192, 0.3808 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(148, 172, 138) }
```

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

```
.border{ border-color:rgb(148, 172, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 172, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 172, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 172, 138);  
box-shadow:4px 4px 4px 4px rgb(148, 172,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6359, 0.3192, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 172, 138) }
```

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

```
.background{ background-color: rgb(148,  
172, 138) }
```

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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