

Converting Colors

$Yxy(37.1494, 0.3247, 0.3506)$

Have a look what the booklet for
Yxy(37.1494, 0.3247, 0.3506)
contains.

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Color

Yxy(37.0048, 0.3249, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	A4A596
RGB	164, 165, 150
RGB Percent	64%, 65%, 59%
CMY	0.3570, 0.3529, 0.4118
CMYK	0.01, 0.00, 0.09, 0.35
HSL	64°, 8%, 62%
HSV	64°, 9%, 65%
XYZ	34.2629, 37.0048, 34.1891
YIQ	162.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

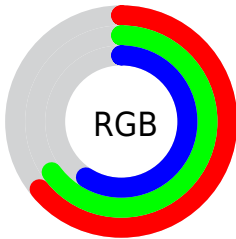
Format	Color
RYB	150, 165, 151
Decimal	10790294
CIELab	67.28, -3.12, 7.65
CIELCh	67, 8.261, 112.186
Yxy	37.0048, 0.3249, 0.3509
Android (android.graphics.Color)	4288980374 (0xFFA4A596)
YUV	162.9910, -6.4046, 0.8849
Hunter-Lab	60.8316, -5.9165, 9.2594

Details

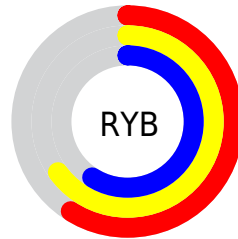
The Yxy color **37.0048, 0.3249, 0.3509** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1138, 0.2999, 0.3063**, and the grayscale version is **36.6486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6061, 0.3227, 0.3468**, and **16.1559, 0.3288, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **36.3882, 0.3386, 0.3758**, and if you desaturate by 10%, it is **37.7006, 0.3115, 0.3269**.

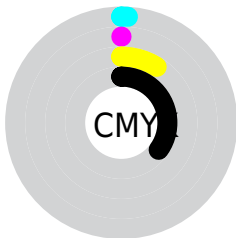
Distribution



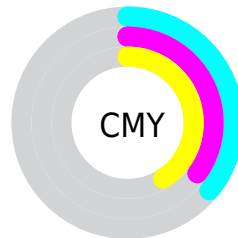
- Red (64%)
- Green (65%)
- Blue (59%)



- Red (59%)
- Yellow (65%)
- Blue (59%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (35%)





- Cyan (36%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0048, 0.3249, 0.3509 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 37.0048, 0.3249, 0.3509 by changing the saturation by 10% instead.


 37.0048, 0.3249,
0.3509


 37.0048, 0.3249,
0.3509


333.3313, 0.3186,
0.3395

 25.2112, 0.3265,
0.3539


 70.5802, 0.3226,
0.3466

 16.2345, 0.3287,
0.3579


 93.1307, 0.3217,
0.3450

 9.6902, 0.3316,
0.3635


120.0357, 0.3210,
0.3437

 5.1941, 0.3358,
0.3716

151.6796, 0.3204,
0.3426

 2.3616, 0.3424,
0.3848

188.4467, 0.3198,
0.3417

 0.8060, 0.3752,
0.4384

230.7214, 0.3194,

 0.0000, 0.0000,

0.3408

0.0000

278.8881, 0.3190,
0.3401

■ 37.0048, 0.3249,
0.3509

■ 37.0048, 0.3249,
0.3509

■ 36.3882, 0.3386,
0.3758

■ 37.7006, 0.3115,
0.3269

■ 35.8430, 0.3522,
0.4008

■ 38.4737, 0.2988,
0.3041

■ 35.3672, 0.3653,
0.4254

■ 39.3285, 0.2867,
0.2829

■ 34.9575, 0.3773,
0.4484

■ 40.2677, 0.2755,
0.2633

■ 34.6098, 0.3878,
0.4691

■ 41.2938, 0.2652,
0.2454

■ 34.3197, 0.3962,
0.4864

■ 42.4091, 0.2558,
0.2292

■ 34.0825, 0.4022,
0.4998

■ 42.9206, 0.2531,
0.2238

■ 33.8922, 0.4056,
0.5089

■ 43.0532, 0.2539,
0.2240

■ 33.7374, 0.4070,
0.5145

■ 43.1870, 0.2547,
0.2242

Harmonies

Analogous

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



37.0048, 0.3340, 0.3481



37.0048, 0.3249, 0.3509



37.0048, 0.3127, 0.3476

Triad

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



37.0048, 0.3249, 0.3509



37.0048, 0.2887, 0.3170



37.0048, 0.3248, 0.3193

Complementary

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



37.0048, 0.3249, 0.3509



31.1138, 0.2999, 0.3063

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.



37.0048, 0.3124, 0.3114



37.0048, 0.3249, 0.3509



37.0048, 0.2917, 0.3098

Square

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



37.0048, 0.3249, 0.3509



37.0048, 0.2919, 0.3276



37.0048, 0.3004, 0.3079



37.0048, 0.3340, 0.3298

Rectangle

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



37.0048, 0.3249, 0.3509



37.0048, 0.3044, 0.3423



37.0048, 0.3004, 0.3079



37.0048, 0.3208, 0.3163

Sweetspot

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



37.0064, 0.3249, 0.3509



66.9953, 0.3168, 0.3363



32.3358, 0.3280, 0.3305



14.6251, 0.3178, 0.3381



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



37.0064, 0.3249, 0.3509



66.0168, 0.3278, 0.3561



36.2370, 0.3178, 0.3514



8.2117, 0.3251, 0.3513



25.5156, 0.4073, 0.5148



0.5432, 0.4119, 0.5111

Inverse Universe

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



31.1138, 0.2999, 0.3063



53.2152, 0.2968, 0.3006



31.8497, 0.3073, 0.3068



6.8827, 0.2997, 0.3059



2.1214, 0.1529, 0.0616



0.0513, 0.1663, 0.0690

Previews

White Background



This preview shows how the Yxy color 37.0048, 0.3249, 0.3509 looks on a white background.

Color Contrast Check

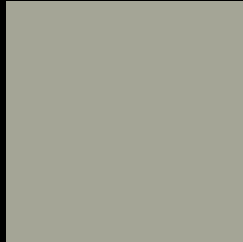
Large Text (above 18pt) WCAG AA × Fail

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 37.0048, 0.3249, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

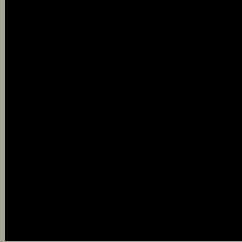
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

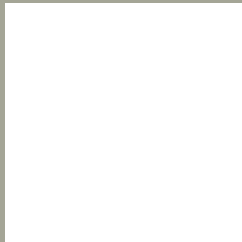
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0048, 0.3249, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 37.0048, 0.3249, 0.3509.



This preview shows how white text looks on a background with the Yxy color 37.0048, 0.3249, 0.3509.

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

37.0048, 0.3249, 0.3509

Protanopia

36.9104, 0.3320, 0.3491

Deuteranopia

36.8784, 0.3452, 0.3387



Tritanopia

36.7612, 0.3070, 0.3107

Trichromacy



Original Color

37.0048, 0.3249, 0.3509

Protanomaly

37.0457, 0.3299, 0.3507

Deuteranomaly

37.0712, 0.3375, 0.3431

Tritanomaly

36.6643, 0.3139, 0.3247

Monochromacy



Original Color

37.0048, 0.3249, 0.3509

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.8061, 0.3170, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0048, 0.3249, 0.3509 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(164, 165, 150)` looks like.

```
.text, #text, p{  
    color:rgb(164, 165, 150)  
}
```

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(164, 165, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 165, 150) }
```

Border

The CSS property to change the border of an element to Yxy 37.0048, 0.3249, 0.3509 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(164, 165, 150) }
```

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

```
.border{ border-color:rgb(164, 165, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 165, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 165, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 165, 150);  
box-shadow:4px 4px 4px 4px rgb(164, 165,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0048, 0.3249, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 165, 150) }
```

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

```
.background{ background-color: rgb(164,  
165, 150) }
```

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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