

Converting Colors

$Y_{xy}(37.5189, 0.3283, 0.3137)$

Have a look what the booklet for
Yxy(37.5189, 0.3283, 0.3137)
contains.

Yxy(37.5086, 0.3280, 0.3142)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.5086, 0.3280, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	B89EA9
RGB	184, 158, 169
RGB Percent	72%, 62%, 66%
CMY	0.2784, 0.3804, 0.3372
CMYK	0.00, 0.14, 0.08, 0.28
HSL	335°, 15%, 67%
HSV	335°, 14%, 72%
XYZ	39.1560, 37.5086, 42.7135
YIQ	167.0280, 11.9650, 8.9330

Conversions

Conversions Part 2

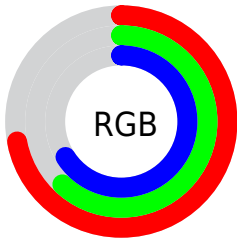
Format	Color
RYB	184, 158, 169
Decimal	12099241
CIELab	67.66, 11.45, -2.17
CIELCh	68, 11.655, 349.259
Yxy	37.5086, 0.3280, 0.3142
Android (android.graphics.Color)	4290289321 (0xFFB89EA9)
YUV	167.0280, 0.9722, 14.8844
Hunter-Lab	61.2443, 6.9450, 1.5205

Details

The Yxy color $37.5086, 0.3280, 0.3142$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $44.5689, 0.2996, 0.3443$, and the grayscale version is $38.6497, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.4956, 0.3251, 0.3176$, and $16.6250, 0.3329, 0.3104$ is the 20% darker color. If you saturate the color by 10%, you get $31.3131, 0.3416, 0.3031$, and if you desaturate by 10%, it is $44.6797, 0.3168, 0.3248$.

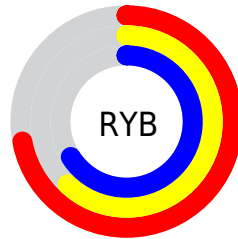
Distribution



Red (72%)

Green (62%)

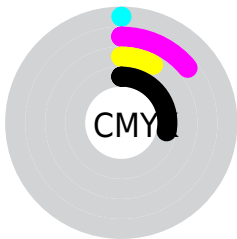
Blue (66%)



Red (72%)

Yellow (62%)

Blue (66%)

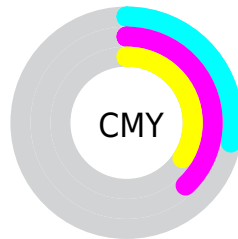


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (28%)



Cyan (28%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5086, 0.3280, 0.3142 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 37.5086, 0.3280, 0.3142 by changing the saturation by 10% instead.

 37.5086, 0.3280,
0.3142


 37.5086, 0.3280,
0.3142


335.5073, 0.3201,
0.3218

 25.6015, 0.3301,
0.3122


 71.3543, 0.3251,
0.3170

 16.5258, 0.3327,
0.3097


 94.0618, 0.3240,
0.3181

 9.8970, 0.3364,
0.3062


121.1381, 0.3231,
0.3189

 5.3307, 0.3417,
0.3012

152.9678, 0.3223,
0.3197

 2.4426, 0.3501,
0.2933

189.9351, 0.3217,
0.3203

 0.8477, 0.3654,
0.2792

232.4245, 0.3211,

 0.0000, 1.0000,

0.3209

0.0000

280.8205, 0.3206,
0.3214

0.0000, 0.0000,
0.0000

37.5086, 0.3280,
0.3142

37.5086, 0.3280,
0.3142

31.3131, 0.3416,
0.3031

44.6797, 0.3168,
0.3248

26.0457, 0.3580,
0.2918

52.8610, 0.3075,
0.3347

21.6626, 0.3775,
0.2807

62.0920, 0.2999,
0.3439

18.1144, 0.4002,
0.2708

72.4080, 0.2936,
0.3524

15.3466, 0.4260,
0.2629

83.8431, 0.2884,
0.3601

■ 13.2985, 0.4543,
0.2584

■ 87.5765, 0.2832,
0.3534

■ 11.9001, 0.4836,
0.2585

■ 88.2006, 0.2779,
0.3416

■ 11.0669, 0.5121,
0.2637

■ 88.8617, 0.2726,
0.3300

■ 10.7386, 0.5282,
0.2684

■ 88.9307, 0.2721,
0.3289

Harmonies

Analogous

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



37.5086, 0.3104, 0.3037



37.5086, 0.3280, 0.3142



37.5086, 0.3417, 0.3285

Triad

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



37.5086, 0.3280, 0.3142



37.5086, 0.3312, 0.3599



37.5086, 0.2792, 0.3132

Complementary

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



37.5086, 0.3280, 0.3142



44.5689, 0.2996, 0.3443

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.



37.5086, 0.2845, 0.3285



37.5086, 0.3280, 0.3142



37.5086, 0.3142, 0.3561

Square

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



37.5086, 0.3280, 0.3142



37.5086, 0.3435, 0.3549



37.5086, 0.2972, 0.3445



37.5086, 0.2826, 0.3028

Rectangle

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



37.5086, 0.3280, 0.3142



37.5086, 0.3465, 0.3385



37.5086, 0.2972, 0.3445



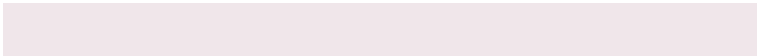
37.5086, 0.2801, 0.3179

Sweetspot

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



37.5103, 0.3280, 0.3142



81.0790, 0.3167, 0.3249



36.7699, 0.3038, 0.2935



17.2550, 0.3175, 0.3241



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



37.5103, 0.3280, 0.3142



64.2649, 0.3320, 0.3107



37.7098, 0.3381, 0.3314



9.0736, 0.3223, 0.3194



7.4142, 0.5252, 0.2667



0.2738, 0.4597, 0.2306

Inverse Universe

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



37.5103, 0.3280, 0.3142



64.2649, 0.3320, 0.3107



44.2968, 0.2915, 0.3266



9.0736, 0.3223, 0.3194



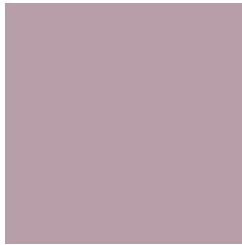
7.4142, 0.5252, 0.2667



0.2738, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 37.5086, 0.3280, 0.3142 looks on a white background.

Color Contrast Check

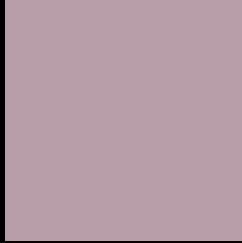
Large Text (above 18pt) WCAG AA × Fail

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 37.5086, 0.3280, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

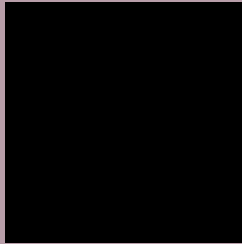
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5086, 0.3280, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 37.5086, 0.3280, 0.3142.



This preview shows how white text looks on a background with the Yxy color 37.5086, 0.3280, 0.3142.

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

37.5086, 0.3280, 0.3142

Protanopia

37.6750, 0.3068, 0.3163

Deuteranopia

37.5899, 0.3229, 0.3167



Tritanopia

37.5463, 0.3271, 0.3129

Trichromacy



Original Color

37.5086, 0.3280, 0.3142

Protanomaly

37.7035, 0.3143, 0.3152

Deuteranomaly

37.4846, 0.3249, 0.3154

Tritanomaly

37.5463, 0.3271, 0.3129

Monochromacy



Original Color

37.5086, 0.3280, 0.3142

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.2623, 0.3177, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5086, 0.3280, 0.3142 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(184, 158, 169)` looks like.

```
.text, #text, p{  
    color:rgb(184, 158, 169)  
}
```

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(184, 158, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 158, 169) }
```

Border

The CSS property to change the border of an element to Yxy 37.5086, 0.3280, 0.3142 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(184, 158, 169) }
```

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

```
.border{ border-color:rgb(184, 158, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 158, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 158, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 158, 169);  
box-shadow:4px 4px 4px 4px rgb(184, 158,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5086, 0.3280, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 158, 169) }
```

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

```
.background{ background-color: rgb(184,  
158, 169) }
```

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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