

Converting Colors

$Yxy(37.6491, 0.3201, 0.3239)$

Have a look what the booklet for
Yxy(37.6491, 0.3201, 0.3239)
contains.

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Color

Yxy(37.5925, 0.3206, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	AEA2A6
RGB	174, 162, 166
RGB Percent	68%, 64%, 65%
CMY	0.3177, 0.3647, 0.3491
CMYK	0.00, 0.07, 0.05, 0.32
HSL	340°, 7%, 66%
HSV	340°, 7%, 68%
XYZ	37.2555, 37.5925, 41.3576
YIQ	166.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

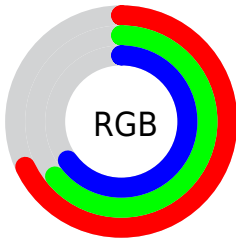
Format	Color
RYB	174, 162, 166
Decimal	11444902
CIELab	67.72, 5.06, -0.50
CIELCh	68, 5.087, 354.374
Yxy	37.5925, 0.3206, 0.3235
Android (android.graphics.Color)	4289634982 (0xFFFAEA2A6)
YUV	166.0440, -0.0217, 6.9774
Hunter-Lab	61.3127, 1.1648, 2.9257

Details

The Yxy color **37.5925, 0.3206, 0.3235** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8544, 0.3054, 0.3346**, and the grayscale version is **38.1533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5042, 0.3187, 0.3247**, and **16.5043, 0.3239, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **31.4741, 0.3342, 0.3151**, and if you desaturate by 10%, it is **44.6009, 0.3095, 0.3314**.

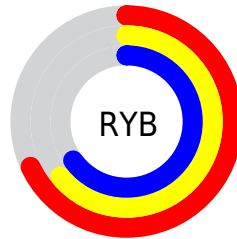
Distribution



Red (68%)

Green (64%)

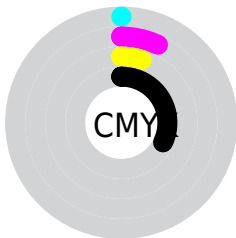
Blue (65%)



Red (68%)

Yellow (64%)

Blue (65%)

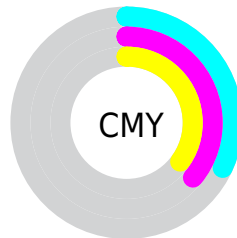


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (32%)



Cyan (32%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.5925, 0.3206, 0.3235 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 37.5925, 0.3206, 0.3235 by changing the saturation by 10% instead.

 37.5925, 0.3206,
0.3235


 37.5925, 0.3206,
0.3235


335.8687, 0.3165,
0.3264

 25.6666, 0.3217,
0.3228


 71.4831, 0.3191,
0.3246

 16.5744, 0.3231,
0.3218


 94.2166, 0.3185,
0.3250

 9.9315, 0.3250,
0.3204


121.3214, 0.3181,
0.3253

 5.3536, 0.3278,
0.3185

153.1819, 0.3177,
0.3256

 2.4562, 0.3322,
0.3154

190.1824, 0.3173,
0.3258

 0.8546, 0.3404,
0.3097


232.7075, 0.3170,


 0.0000, 0.0000,


0.3260

0.0000


281.1414, 0.3168,
0.3262


 37.5925, 0.3206,
0.3235


 37.5925, 0.3206,
0.3235


 31.4741, 0.3342,
0.3151


 44.6009, 0.3095,
0.3314


 26.2053, 0.3507,
0.3063


 52.5282, 0.3004,
0.3387


 21.7496, 0.3707,
0.2974

 61.4076, 0.2929,
0.3454

 18.0660, 0.3947,
0.2890

 71.2696, 0.2868,
0.3515

 15.1100, 0.4227,
0.2818

 82.1431, 0.2817,
0.3571

■ 12.8325, 0.4543,
0.2768

■ 86.5623, 0.2764,
0.3502

■ 11.1781, 0.4884,
0.2752

■ 87.2602, 0.2707,
0.3371

■ 10.0827, 0.5226,
0.2780

■ 87.7377, 0.2671,
0.3289

■ 9.4548, 0.5543,
0.2855

Harmonies

Analogous

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



37.5925, 0.3131, 0.3184



37.5925, 0.3206, 0.3235



37.5925, 0.3260, 0.3301

Triad

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



37.5925, 0.3206, 0.3235



37.5925, 0.3197, 0.3423



37.5925, 0.2979, 0.3213

Complementary

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



37.5925, 0.3206, 0.3235



40.8544, 0.3054, 0.3346

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.



37.5925, 0.2996, 0.3277



37.5925, 0.3206, 0.3235



37.5925, 0.3122, 0.3400

Square

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



37.5925, 0.3206, 0.3235



37.5925, 0.3254, 0.3410



37.5925, 0.3048, 0.3346



37.5925, 0.3001, 0.3171

Rectangle

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



37.5925, 0.3206, 0.3235



37.5925, 0.3276, 0.3345



37.5925, 0.3048, 0.3346



37.5925, 0.2981, 0.3233

Sweetspot

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



37.5941, 0.3206, 0.3235



74.1611, 0.3149, 0.3274



37.4455, 0.3098, 0.3123



16.5140, 0.3148, 0.3275



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.



37.5941, 0.3206, 0.3235



66.7190, 0.3222, 0.3225



38.1600, 0.3239, 0.3318



8.0575, 0.3236, 0.3215



6.7556, 0.5609, 0.2863



0.1982, 0.4758, 0.2395

Inverse Universe

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



37.5941, 0.3206, 0.3235



66.7190, 0.3222, 0.3225



40.2410, 0.3023, 0.3262



8.0575, 0.3236, 0.3215



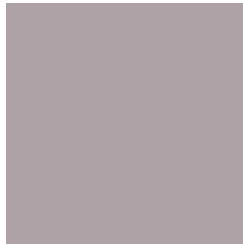
6.7556, 0.5609, 0.2863



0.1982, 0.4758, 0.2395

Previews

White Background



This preview shows how the Yxy color 37.5925, 0.3206, 0.3235 looks on a white background.

Color Contrast Check

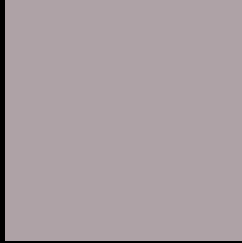
Large Text (above 18pt) WCAG AA × Fail

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 37.5925, 0.3206, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

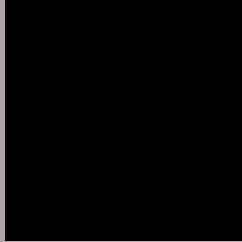
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

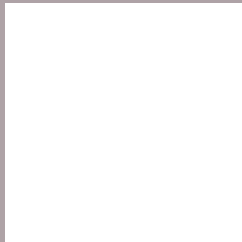
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.5925, 0.3206, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 37.5925, 0.3206, 0.3235.



This preview shows how white text looks on a background with the Yxy color 37.5925, 0.3206, 0.3235.

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

37.5925, 0.3206, 0.3235

Protanopia

37.5564, 0.3129, 0.3248

Deuteranopia

37.5981, 0.3266, 0.3208



Tritanopia

37.6208, 0.3154, 0.3125

Trichromacy



Original Color

37.5925, 0.3206, 0.3235

Protanomaly

37.5305, 0.3158, 0.3234

Deuteranomaly

37.7079, 0.3245, 0.3222

Tritanomaly

37.5060, 0.3181, 0.3166

Monochromacy



Original Color

37.5925, 0.3206, 0.3235

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.0985, 0.3156, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5925, 0.3206, 0.3235 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(174, 162, 166)` looks like.

```
.text, #text, p{  
    color:rgb(174, 162, 166)  
}
```

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(174, 162, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 162, 166) }
```

Border

The CSS property to change the border of an element to Yxy 37.5925, 0.3206, 0.3235 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(174, 162, 166) }
```

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

```
.border{ border-color:rgb(174, 162, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 162, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 162, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 162, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 162,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5925, 0.3206, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 162, 166) }
```

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

```
.background{ background-color: rgb(174,  
162, 166) }
```

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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