

Converting Colors

$Yxy(37.0670, 0.3186, 0.3262)$

Have a look what the booklet for
Yxy(37.0670, 0.3186, 0.3262)
contains.

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Color

Yxy(37.0670, 0.3186, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	AAA2A4
RGB	170, 162, 164
RGB Percent	67%, 64%, 64%
CMY	0.3332, 0.3647, 0.3569
CMYK	0.00, 0.05, 0.04, 0.33
HSL	345°, 5%, 65%
HSV	345°, 5%, 67%
XYZ	36.2034, 37.0670, 40.3623
YIQ	164.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

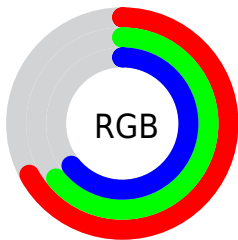
Format	Color
RYB	170, 162, 164
Decimal	11182756
CIELab	67.33, 3.27, -0.00
CIElCh	67, 3.274, 359.944
Yxy	37.0670, 0.3186, 0.3262
Android (android.graphics.Color)	4289372836 (0xFFAAA2A4)
YUV	164.6200, -0.3057, 4.7183
Hunter-Lab	60.8827, -0.4011, 3.3114

Details

The Yxy color **37.0670, 0.3186, 0.3262** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2724, 0.3071, 0.3318**, and the grayscale version is **37.4379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7477, 0.3172, 0.3268**, and **16.1733, 0.3210, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **31.0389, 0.3331, 0.3200**, and if you desaturate by 10%, it is **43.9548, 0.3068, 0.3320**.

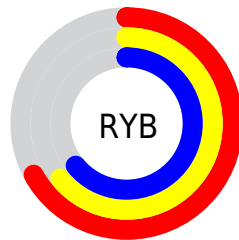
Distribution



Red (67%)

Green (64%)

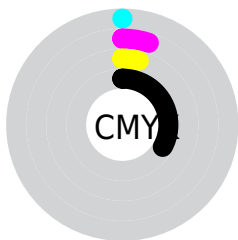
Blue (64%)



Red (67%)

Yellow (64%)

Blue (64%)

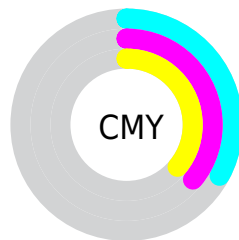


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (33%)



Cyan (33%)


Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0670, 0.3186, 0.3262 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 37.0670, 0.3186, 0.3262 by changing the saturation by 10% instead.


 37.0670, 0.3186,
0.3262


 37.0670, 0.3186,
0.3262


333.6005, 0.3155,
0.3277

 25.2594, 0.3194,
0.3258


 70.6758, 0.3175,
0.3267

 16.2704, 0.3205,
0.3253


 93.2458, 0.3170,
0.3269

 9.7157, 0.3219,
0.3246


120.1720, 0.3167,
0.3271

 5.2109, 0.3240,
0.3236

151.8389, 0.3164,
0.3273

 2.3715, 0.3274,
0.3220

188.6307, 0.3161,
0.3274

 0.8112, 0.3343,
0.3187

230.9321, 0.3159,

 0.0000, 0.0000,


0.3275


0.0000

279.1272, 0.3157,
0.3276

 37.0670, 0.3186,
0.3262


 37.0670, 0.3186,
0.3262


 31.0389, 0.3331,
0.3200

 43.9548, 0.3068,
0.3320


 25.8320, 0.3509,
0.3134

 51.7292, 0.2972,
0.3373


 21.4120, 0.3727,
0.3068

 60.4220, 0.2893,
0.3422

 17.7405, 0.3989,
0.3004

 70.0619, 0.2828,
0.3466

 14.7756, 0.4299,
0.2949

 80.6764, 0.2775,
0.3507

■ 12.4713, 0.4653,
0.2912

■ 86.4038, 0.2720,
0.3447

■ 10.7764, 0.5036,
0.2902

■ 87.1939, 0.2659,
0.3305

■ 9.6317, 0.5418,
0.2929

■ 87.2901, 0.2652,
0.3289

■ 8.9655, 0.5761,
0.2997

Harmonies

Analogous

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



37.0670, 0.3139, 0.3226



37.0670, 0.3186, 0.3262



37.0670, 0.3217, 0.3305

Triad

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



37.0670, 0.3186, 0.3262



37.0670, 0.3164, 0.3375



37.0670, 0.3032, 0.3234

Complementary

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



37.0670, 0.3186, 0.3262



39.2724, 0.3071, 0.3318

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.



37.0670, 0.3039, 0.3274



37.0670, 0.3186, 0.3262



37.0670, 0.3114, 0.3356

Square

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



37.0670, 0.3186, 0.3262



37.0670, 0.3204, 0.3371



37.0670, 0.3069, 0.3318



37.0670, 0.3051, 0.3210

Rectangle

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



37.0670, 0.3186, 0.3262



37.0670, 0.3224, 0.3333



37.0670, 0.3069, 0.3318



37.0670, 0.3031, 0.3246

Sweetspot

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



37.0686, 0.3186, 0.3262



71.6760, 0.3139, 0.3284



37.0699, 0.3114, 0.3177



15.9993, 0.3139, 0.3284



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.



37.0686, 0.3186, 0.3262



65.6263, 0.3204, 0.3254



37.7111, 0.3202, 0.3319



7.9525, 0.3209, 0.3251



6.4181, 0.5895, 0.3021



0.1640, 0.5004, 0.2530

Inverse Universe

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



37.0686, 0.3186, 0.3262



65.6263, 0.3204, 0.3254



38.5991, 0.3056, 0.3261



7.9525, 0.3209, 0.3251



6.4181, 0.5895, 0.3021



0.1640, 0.5004, 0.2530

Previews

White Background



This preview shows how the Yxy color 37.0670, 0.3186, 0.3262 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 37.0670, 0.3186, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

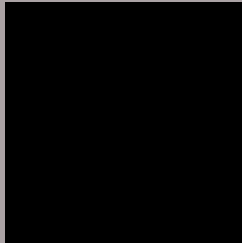
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

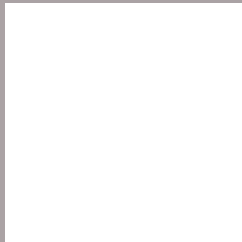
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0670, 0.3186, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 37.0670, 0.3186, 0.3262.



This preview shows how white text looks on a background with the Yxy color 37.0670, 0.3186, 0.3262.

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

37.0670, 0.3186, 0.3262

Protanopia

37.0180, 0.3138, 0.3262

Deuteranopia

37.0966, 0.3267, 0.3208



Tritanopia

37.1648, 0.3116, 0.3123

Trichromacy



Original Color

37.0670, 0.3186, 0.3262

Protanomaly

37.1265, 0.3147, 0.3262

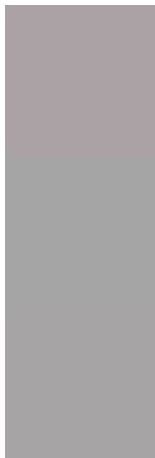
Deuteranomaly

37.0883, 0.3236, 0.3221

Tritanomaly

37.0499, 0.3143, 0.3164

Monochromacy



Original Color

37.0670, 0.3186, 0.3262

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.4830, 0.3147, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0670, 0.3186, 0.3262 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(170, 162, 164)` looks like.

```
.text, #text, p{  
    color:rgb(170, 162, 164)  
}
```

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(170, 162, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 162, 164) }
```

Border

The CSS property to change the border of an element to Yxy 37.0670, 0.3186, 0.3262 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(170, 162, 164) }
```

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

```
.border{ border-color:rgb(170, 162, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 162, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 162, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 162, 164);  
box-shadow:4px 4px 4px 4px rgb(170, 162,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0670, 0.3186, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 162, 164) }
```

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

```
.background{ background-color: rgb(170,  
162, 164) }
```

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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