

Converting Colors

$Yxy(37.5552, 0.3222, 0.3245)$

Have a look what the booklet for
Yxy(37.5552, 0.3222, 0.3245)
contains.

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Color

Yxy(37.6712, 0.3224, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	AFA2A5
RGB	175, 162, 165
RGB Percent	69%, 64%, 65%
CMY	0.3139, 0.3646, 0.3530
CMYK	0.00, 0.07, 0.06, 0.31
HSL	346°, 7%, 66%
HSV	346°, 7%, 69%
XYZ	37.3813, 37.6712, 40.8945
YIQ	166.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

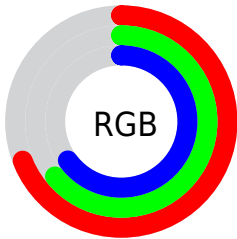
Format	Color
RYB	175, 162, 165
Decimal	11510437
CIELab	67.78, 5.22, 0.14
CIELCh	68, 5.224, 1.585
Yxy	37.6712, 0.3224, 0.3249
Android (android.graphics.Color)	4289700517 (0xFFAFA2A5)
YUV	166.2290, -0.6059, 7.6922
Hunter-Lab	61.3769, 1.3052, 3.4597

Details

The Yxy color **37.6712, 0.3224, 0.3249** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3004, 0.3038, 0.3331**, and the grayscale version is **38.2479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7819, 0.3209, 0.3258**, and **16.5551, 0.3266, 0.3232** is the 20% darker color. If you saturate the color by 10%, you get **31.4660, 0.3381, 0.3190**, and if you desaturate by 10%, it is **44.7889, 0.3096, 0.3304**.

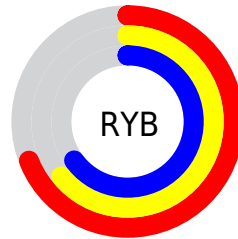
Distribution



Red (69%)

Green (64%)

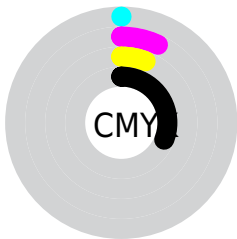
Blue (65%)



Red (69%)

Yellow (64%)

Blue (65%)

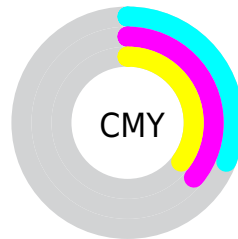


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (31%)



Cyan (31%)

Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6712, 0.3224, 0.3249 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 37.6712, 0.3224, 0.3249 by changing the saturation by 10% instead.


 37.6712, 0.3224,
0.3249


 37.6712, 0.3224,
0.3249


336.2074, 0.3174,
0.3270

 25.7276, 0.3237,
0.3243


 71.6039, 0.3205,
0.3257

 16.6200, 0.3254,
0.3236


 94.3618, 0.3198,
0.3260

 9.9639, 0.3278,
0.3226


121.4932, 0.3193,
0.3262

 5.3750, 0.3313,
0.3211

153.3826, 0.3188,
0.3264

 2.4689, 0.3368,
0.3188

190.4143, 0.3184,
0.3266

 0.8610, 0.3470,
0.3144

232.9727, 0.3180,

 0.0000, 0.0000,


0.3268

0.0000


281.4423, 0.3177,
0.3269


 37.6712, 0.3224,
0.3249


 37.6712, 0.3224,
0.3249

 31.4660, 0.3381,
0.3190


 44.7889, 0.3096,
0.3304


 26.1315, 0.3574,
0.3129


 52.8489, 0.2992,
0.3355


 21.6301, 0.3810,
0.3067

 61.8856, 0.2908,
0.3401

 17.9196, 0.4094,
0.3010

 71.9304, 0.2838,
0.3443

 14.9538, 0.4427,
0.2963

 83.0130, 0.2781,
0.3481

■ 12.6819, 0.4801,
0.2936

■ 87.2715, 0.2720,
0.3389

■ 11.0467, 0.5197,
0.2938

■ 87.8477, 0.2676,
0.3289

■ 9.9815, 0.5579,
0.2978

■ 9.3868, 0.5905,
0.3051

Harmonies

Analogous

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



37.6712, 0.3151, 0.3192



37.6712, 0.3224, 0.3249



37.6712, 0.3271, 0.3318

Triad

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



37.6712, 0.3224, 0.3249



37.6712, 0.3181, 0.3424



37.6712, 0.2977, 0.3198

Complementary

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



37.6712, 0.3224, 0.3249



41.3004, 0.3038, 0.3331

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.



37.6712, 0.2985, 0.3260



37.6712, 0.3224, 0.3249



37.6712, 0.3102, 0.3392

Square

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



37.6712, 0.3224, 0.3249



37.6712, 0.3246, 0.3420



37.6712, 0.3031, 0.3331



37.6712, 0.3009, 0.3162

Rectangle

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



37.6712, 0.3224, 0.3249



37.6712, 0.3282, 0.3361



37.6712, 0.3031, 0.3331



37.6712, 0.2975, 0.3216

Sweetspot

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



37.6728, 0.3224, 0.3249



74.1362, 0.3152, 0.3279



37.7046, 0.3107, 0.3111



16.5088, 0.3151, 0.3280



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.



37.6728, 0.3224, 0.3249



65.4325, 0.3249, 0.3239



38.7970, 0.3246, 0.3338



8.0444, 0.3252, 0.3238



6.6457, 0.5955, 0.3054



0.1931, 0.5130, 0.2600

Inverse Universe

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



37.6728, 0.3224, 0.3249



65.4325, 0.3249, 0.3239



40.0919, 0.3015, 0.3241



8.0444, 0.3252, 0.3238



6.6457, 0.5955, 0.3054



0.1931, 0.5130, 0.2600

Previews

White Background



This preview shows how the Yxy color 37.6712, 0.3224, 0.3249 looks on a white background.

Color Contrast Check

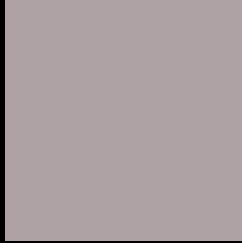
Large Text (above 18pt) WCAG AA × Fail

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 37.6712, 0.3224, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

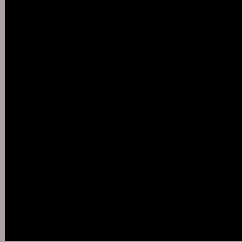
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6712, 0.3224, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 37.6712, 0.3224, 0.3249.

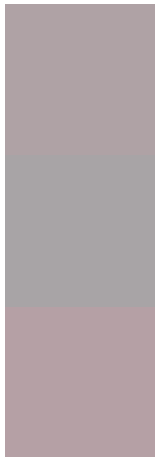


This preview shows how white text looks on a background with the Yxy color 37.6712, 0.3224, 0.3249.

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

37.6712, 0.3224, 0.3249

Protanopia

37.6289, 0.3147, 0.3262

Deuteranopia

37.6820, 0.3285, 0.3222



Tritanopia

37.7370, 0.3163, 0.3126

Trichromacy



Original Color

37.6712, 0.3224, 0.3249

Protanomaly

37.6055, 0.3176, 0.3248

Deuteranomaly

37.7901, 0.3264, 0.3235

Tritanomaly

37.6221, 0.3190, 0.3166

Monochromacy



Original Color

37.6712, 0.3224, 0.3249

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 37.6712, 0.3224, 0.3249 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(175, 162, 165)` looks like.

```
.text, #text, p{  
    color:rgb(175, 162, 165)  
}
```

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(175, 162, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 162, 165) }
```

Border

The CSS property to change the border of an element to Yxy 37.6712, 0.3224, 0.3249 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(175, 162, 165) }
```

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

```
.border{ border-color:rgb(175, 162, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 162, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 162, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 162, 165);  
box-shadow:4px 4px 4px 4px rgb(175, 162,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6712, 0.3224, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 162, 165) }
```

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

```
.background{ background-color: rgb(175,  
162, 165) }
```

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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