

Converting Colors

$Yxy(36.9734, 0.3264, 0.3262)$

Have a look what the booklet for
Yxy(36.9734, 0.3264, 0.3262)
contains.

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Color

Yxy(36.9804, 0.3264, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	B0A0A2
RGB	176, 160, 162
RGB Percent	69%, 63%, 64%
CMY	0.3099, 0.3725, 0.3648
CMYK	0.00, 0.09, 0.08, 0.31
HSL	353°, 9%, 66%
HSV	353°, 9%, 69%
XYZ	36.9917, 36.9804, 39.3604
YIQ	165.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

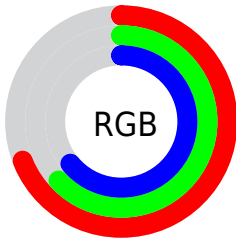
Format	Color
RYB	176, 160, 162
Decimal	11575458
CIELab	67.26, 6.17, 1.08
CIElCh	67, 6.261, 9.968
Yxy	36.9804, 0.3264, 0.3263
Android (android.graphics.Color)	4289765538 (0xFFB0A0A2)
YUV	165.0120, -1.4849, 9.6365
Hunter-Lab	60.8115, 2.1617, 4.1925

Details

The Yxy color **36.9804, 0.3264, 0.3263** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5741, 0.3005, 0.3317**, and the grayscale version is **37.6362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7664, 0.3238, 0.3269**, and **16.2740, 0.3307, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **30.7901, 0.3449, 0.3231**, and if you desaturate by 10%, it is **44.1050, 0.3115, 0.3293**.

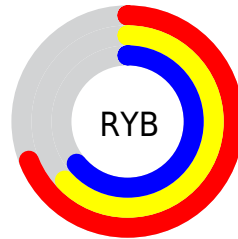
Distribution



Red (69%)

Green (63%)

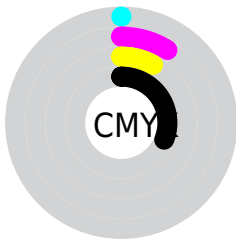
Blue (64%)



Red (69%)

Yellow (63%)

Blue (64%)

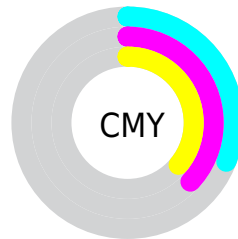


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (31%)



Cyan (31%)


Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9804, 0.3264, 0.3263 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 36.9804, 0.3264, 0.3263 by changing the saturation by 10% instead.

 36.9804, 0.3264,
0.3263


 36.9804, 0.3264,
0.3263


333.2257, 0.3193,
0.3277

 25.1923, 0.3283,
0.3259


 70.5426, 0.3237,
0.3268

 16.2204, 0.3307,
0.3254

 93.0856, 0.3228,
0.3270

 9.6802, 0.3341,
0.3247


119.9823, 0.3220,
0.3272

 5.1875, 0.3391,
0.3236

151.6171, 0.3213,
0.3273

 2.3577, 0.3471,
0.3219

188.3745, 0.3207,
0.3275

 0.8040, 0.3638,
0.3190


230.6387, 0.3201,


 0.0000, 0.0000,


0.3276


0.0000

278.7943, 0.3197,
0.3277


 36.9804, 0.3264,
0.3263


 36.9804, 0.3264,
0.3263


 30.7901, 0.3449,
0.3231


 44.1050, 0.3115,
0.3293


 25.4907, 0.3678,
0.3199


 52.1952, 0.2994,
0.3320


 21.0426, 0.3960,
0.3166

 61.2871, 0.2896,
0.3345

 17.4014, 0.4298,
0.3138

 71.4133, 0.2816,
0.3367

 14.5186, 0.4691,
0.3117

 82.6049, 0.2750,
0.3388

■ 12.3404, 0.5124,
0.3111

■ 87.9400, 0.2683,
0.3293

■ 10.8061, 0.5558,
0.3125

■ 87.9677, 0.2681,
0.3289

■ 9.8446, 0.5939,
0.3161

■ 9.3254, 0.6219,
0.3209

Harmonies

Analogous

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



36.9804, 0.3182, 0.3188



36.9804, 0.3264, 0.3263



36.9804, 0.3309, 0.3346

Triad

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



36.9804, 0.3264, 0.3263



36.9804, 0.3166, 0.3446



36.9804, 0.2953, 0.3163

Complementary

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



36.9804, 0.3264, 0.3263



41.5741, 0.3005, 0.3317

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.



36.9804, 0.2949, 0.3230



36.9804, 0.3264, 0.3263



36.9804, 0.3071, 0.3395

Square

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



36.9804, 0.3264, 0.3263



36.9804, 0.3252, 0.3453



36.9804, 0.2992, 0.3316



36.9804, 0.3003, 0.3131

Rectangle

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



36.9804, 0.3264, 0.3263



36.9804, 0.3312, 0.3395



36.9804, 0.2992, 0.3316



36.9804, 0.2946, 0.3182

Sweetspot

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



36.9820, 0.3264, 0.3263



74.6629, 0.3170, 0.3281



37.2617, 0.3117, 0.3071



15.9560, 0.3182, 0.3279



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.



36.9820, 0.3264, 0.3263



64.5702, 0.3300, 0.3256



38.9907, 0.3274, 0.3372



8.5217, 0.3268, 0.3262



6.8188, 0.6223, 0.3202



0.2200, 0.5662, 0.2893

Inverse Universe

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



36.9820, 0.3264, 0.3263



64.5702, 0.3300, 0.3256



39.4053, 0.2990, 0.3207



8.5217, 0.3268, 0.3262



6.8188, 0.6223, 0.3202



0.2200, 0.5662, 0.2893

Previews

White Background



This preview shows how the Yxy color 36.9804, 0.3264, 0.3263 looks on a white background.

Color Contrast Check

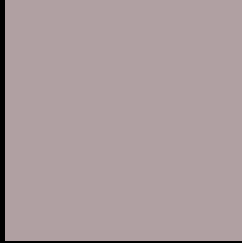
Large Text (above 18pt) WCAG AA × Fail

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 36.9804, 0.3264, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

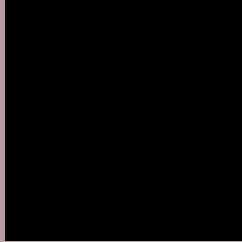
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9804, 0.3264, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 36.9804, 0.3264, 0.3263.



This preview shows how white text looks on a background with the Yxy color 36.9804, 0.3264, 0.3263.

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

36.9804, 0.3264, 0.3263

Protanopia

37.0902, 0.3156, 0.3276

Deuteranopia

37.1082, 0.3305, 0.3249



Tritanopia

37.0837, 0.3193, 0.3125

Trichromacy



Original Color

36.9804, 0.3264, 0.3263

Protanomaly

37.0311, 0.3194, 0.3276

Deuteranomaly

36.9886, 0.3295, 0.3249

Tritanomaly

36.9705, 0.3220, 0.3166

Monochromacy



Original Color

36.9804, 0.3264, 0.3263

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3097, 0.3175, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9804, 0.3264, 0.3263 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(176, 160, 162)` looks like.

```
.text, #text, p{  
    color:rgb(176, 160, 162)  
}
```

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(176, 160, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 160, 162) }
```

Border

The CSS property to change the border of an element to Yxy 36.9804, 0.3264, 0.3263 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(176, 160, 162) }
```

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

```
.border{ border-color:rgb(176, 160, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 160, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 160, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 160, 162);  
box-shadow:4px 4px 4px 4px rgb(176, 160,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9804, 0.3264, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 160, 162) }
```

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

```
.background{ background-color: rgb(176,  
160, 162) }
```

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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