

Converting Colors

$Yxy(34.6573, 0.3278, 0.3194)$

Have a look what the booklet for
Yxy(34.6573, 0.3278, 0.3194)
contains.

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Color

Yxy(34.7632, 0.3281, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	AF9AA0
RGB	175, 154, 160
RGB Percent	69%, 60%, 63%
CMY	0.3138, 0.3960, 0.3725
CMYK	0.00, 0.12, 0.09, 0.31
HSL	343°, 12%, 65%
HSV	343°, 12%, 69%
XYZ	35.5764, 34.7632, 38.0921
YIQ	160.9630, 10.5900, 6.3180

Conversions

Conversions Part 2

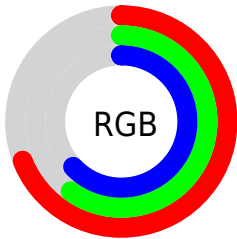
Format	Color
RYB	175, 154, 160
Decimal	11508384
CIELab	65.56, 8.77, -0.30
CIELCh	66, 8.776, 358.056
Yxy	34.7632, 0.3281, 0.3206
Android (android.graphics.Color)	4289698464 (0xFFAF9AA0)
YUV	160.9630, -0.4748, 12.3104
Hunter-Lab	58.9603, 4.5257, 2.9672

Details

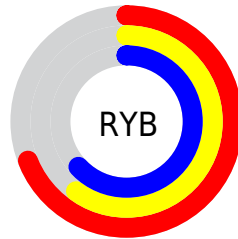
The Yxy color **34.7632, 0.3281, 0.3206** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3877, 0.2994, 0.3376**, and the grayscale version is **35.6209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0070, 0.3252, 0.3215**, and **14.9422, 0.3319, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **28.9873, 0.3441, 0.3131**, and if you desaturate by 10%, it is **41.4282, 0.3150, 0.3277**.

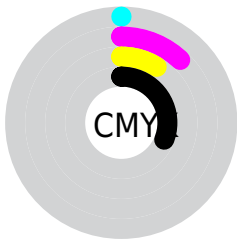
Distribution



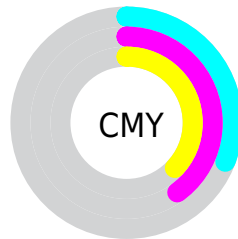
- Red (69%)
- Green (60%)
- Blue (63%)



- Red (69%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (31%)





- Cyan (31%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7632, 0.3281, 0.3206 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 34.7632, 0.3281, 0.3206 by changing the saturation by 10% instead.


 34.7632, 0.3281,
0.3206

 34.7632, 0.3281,
0.3206


323.5219, 0.3200,
0.3250

 23.4805, 0.3302,
0.3194

 67.1188, 0.3251,
0.3223

 14.9487, 0.3331,
0.3179


 88.9604, 0.3240,
0.3229

 8.7834, 0.3370,
0.3157


115.0906, 0.3230,
0.3234

 4.6002, 0.3429,
0.3126

145.8936, 0.3223,
0.3238

 2.0146, 0.3524,
0.3074

181.7538, 0.3216,
0.3242

 0.6160, 0.3795,
0.2923


223.0556, 0.3210,


 0.0000, 0.0000,

0.3245


0.0000

270.1835, 0.3205,
0.3248


 34.7632, 0.3281,
0.3206

 34.7632, 0.3281,
0.3206

 28.9873, 0.3441,
0.3131


 41.4282, 0.3150,
0.3277


 24.0582, 0.3637,
0.3055

 49.0130, 0.3043,
0.3342


 19.9373, 0.3874,
0.2979

 57.5524, 0.2956,
0.3402

 16.5810, 0.4155,
0.2912

 67.0782, 0.2885,
0.3457

 13.9417, 0.4479,
0.2860

 77.6207, 0.2826,
0.3507

■ 11.9661, 0.4837,
0.2835

■ 86.6301, 0.2773,
0.3510

■ 10.5937, 0.5206,
0.2848

■ 87.3783, 0.2712,
0.3370

■ 9.7527, 0.5554,
0.2905

■ 87.8517, 0.2676,
0.3289

■ 9.3417, 0.5803,
0.2971

Harmonies

Analogous

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



34.7632, 0.3151, 0.3113



34.7632, 0.3281, 0.3206



34.7632, 0.3371, 0.3322

Triad

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



34.7632, 0.3281, 0.3206



34.7632, 0.3235, 0.3526



34.7632, 0.2868, 0.3140

Complementary

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



34.7632, 0.3281, 0.3206



40.3877, 0.2994, 0.3376

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.



34.7632, 0.2890, 0.3250



34.7632, 0.3281, 0.3206



34.7632, 0.3099, 0.3477

Square

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



34.7632, 0.3281, 0.3206



34.7632, 0.3343, 0.3508



34.7632, 0.2974, 0.3375



34.7632, 0.2914, 0.3074

Rectangle

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



34.7632, 0.3281, 0.3206



34.7632, 0.3394, 0.3398



34.7632, 0.2974, 0.3375



34.7632, 0.2868, 0.3173

Sweetspot

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



34.7647, 0.3281, 0.3206



71.5912, 0.3175, 0.3262



34.6101, 0.3080, 0.2995



15.7079, 0.3184, 0.3257



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.



34.7647, 0.3281, 0.3206



59.8040, 0.3314, 0.3189



35.9690, 0.3331, 0.3350



8.0516, 0.3243, 0.3225



6.7010, 0.5774, 0.2954



0.1959, 0.4915, 0.2481

Inverse Universe

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



34.7647, 0.3281, 0.3206



59.8040, 0.3314, 0.3189



39.0108, 0.2946, 0.3229



8.0516, 0.3243, 0.3225



6.7010, 0.5774, 0.2954



0.1959, 0.4915, 0.2481

Previews

White Background



This preview shows how the Yxy color 34.7632, 0.3281, 0.3206 looks on a white background.

Color Contrast Check

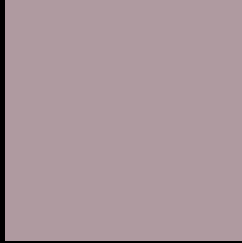
Large Text (above 18pt) WCAG AA × Fail

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 34.7632, 0.3281, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

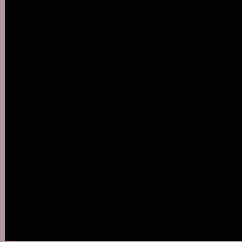
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7632, 0.3281, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 34.7632, 0.3281, 0.3206.



This preview shows how white text looks on a background with the Yxy color 34.7632, 0.3281, 0.3206.

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

34.7632, 0.3281, 0.3206

Protanopia

34.6751, 0.3111, 0.3217

Deuteranopia

34.6479, 0.3271, 0.3206



Tritanopia

34.7292, 0.3245, 0.3123

Trichromacy



Original Color

34.7632, 0.3281, 0.3206

Protanomaly

34.8296, 0.3170, 0.3218

Deuteranomaly

34.6479, 0.3271, 0.3206

Tritanomaly

34.6569, 0.3264, 0.3150

Monochromacy



Original Color

34.7632, 0.3281, 0.3206

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1339, 0.3178, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7632, 0.3281, 0.3206 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, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(175, 154, 160)  
}
```

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, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 154, 160) }
```

Border

The CSS property to change the border of an element to Yxy 34.7632, 0.3281, 0.3206 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, 154, 160) }
```

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

```
.border{ border-color:rgb(175, 154, 160) }
```

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

Here you see how a box with a 4 pixel rgb(175, 154, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(175, 154,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7632, 0.3281, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 154, 160) }
```

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

```
.background{ background-color: rgb(175,  
154, 160) }
```

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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