

Converting Colors

$Yxy(34.7388, 0.3452, 0.3610)$

Have a look what the booklet for
Yxy(34.7388, 0.3452, 0.3610)
contains.

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Color

Yxy(34.7773, 0.3453, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	AA9E88
RGB	170, 158, 136
RGB Percent	67%, 62%, 53%
CMY	0.3334, 0.3804, 0.4666
CMYK	0.00, 0.07, 0.20, 0.33
HSL	39°, 17%, 60%
HSV	39°, 20%, 67%
XYZ	33.2464, 34.7773, 28.2590
YIQ	159.0800, 14.2140, -4.2980

Conversions

Conversions Part 2

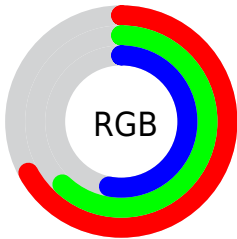
Format	Color
RYB	155, 170, 136
Decimal	11181704
CIELab	65.57, 0.68, 13.07
CIELCh	66, 13.090, 87.030
Yxy	34.7773, 0.3453, 0.3612
Android (android.graphics.Color)	4289371784 (0xFFAA9E88)
YUV	159.0800, -11.3784, 9.5768
Hunter-Lab	58.9723, -2.5698, 12.8694

Details

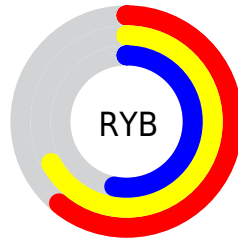
The Yxy color **34.7773, 0.3453, 0.3612** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3145, 0.2813, 0.2946**, and the grayscale version is **34.7579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4314, 0.3395, 0.3558**, and **15.0388, 0.3567, 0.3723** is the 20% darker color. If you saturate the color by 10%, you get **32.3382, 0.3640, 0.3781**, and if you desaturate by 10%, it is **37.3959, 0.3282, 0.3447**.

Distribution



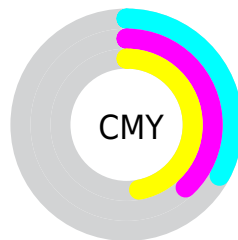
- Red (67%)
- Green (62%)
- Blue (53%)



- Red (61%)
- Yellow (67%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (33%)




- Cyan (33%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7773, 0.3453, 0.3612 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 34.7773, 0.3453, 0.3612 by changing the saturation by 10% instead.


 34.7773, 0.3453,
0.3612

 34.7773, 0.3453,
0.3612


323.5843, 0.3282,
0.3444


 23.4914, 0.3498,
0.3656


 67.1406, 0.3389,
0.3549

 14.9568, 0.3558,
0.3715


 88.9868, 0.3366,
0.3526

 8.7890, 0.3640,
0.3795


 115.1219, 0.3346,
0.3507

 4.6038, 0.3760,
0.3912

145.9302, 0.3329,
0.3490

 2.0168, 0.3950,
0.4094

181.7963, 0.3315,
0.3476

 0.6172, 0.4943,
0.5057

223.1043, 0.3303,

 0.0000, 0.0000,

0.3464

0.0000

270.2389, 0.3292,
0.3453

■ 34.7773, 0.3453,
0.3612

■ 34.7773, 0.3453,
0.3612

■ 32.3382, 0.3640,
0.3781

■ 37.3959, 0.3282,
0.3447

■ 30.0689, 0.3841,
0.3948

■ 40.1940, 0.3127,
0.3290

■ 27.9656, 0.4052,
0.4106

■ 43.1778, 0.2988,
0.3142

■ 26.0226, 0.4266,
0.4246

■ 46.3515, 0.2864,
0.3004

■ 24.2337, 0.4475,
0.4356

■ 49.7192, 0.2754,
0.2877

■ 22.5920, 0.4669,
0.4426

■ 53.2851, 0.2657,
0.2760

■ 21.0895, 0.4836,
0.4448

■ 57.0525, 0.2570,
0.2653

■ 19.7108, 0.4979,
0.4429

■ 59.8822, 0.2579,
0.2725

■ 19.7084, 0.4979,
0.4429

■ 62.8218, 0.2589,
0.2797

Harmonies

Analogous

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



34.7773, 0.3526, 0.3493



34.7773, 0.3453, 0.3612



34.7773, 0.3292, 0.3646

Triad

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



34.7773, 0.3453, 0.3612



34.7773, 0.2778, 0.3234



34.7773, 0.3154, 0.3026

Complementary

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



34.7773, 0.3453, 0.3612



29.3145, 0.2813, 0.2946

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.



34.7773, 0.2955, 0.2957



34.7773, 0.3453, 0.3612



34.7773, 0.2743, 0.3069

Square

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



34.7773, 0.3453, 0.3612



34.7773, 0.2904, 0.3423



34.7773, 0.2807, 0.2970



34.7773, 0.3350, 0.3159

Rectangle

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



34.7773, 0.3453, 0.3612



34.7773, 0.3159, 0.3611



34.7773, 0.2807, 0.2970



34.7773, 0.3085, 0.2994

Sweetspot

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



34.7789, 0.3453, 0.3612



69.7934, 0.3220, 0.3385



28.3104, 0.3376, 0.3107



15.4939, 0.3230, 0.3395



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.



34.7789, 0.3453, 0.3612



61.1051, 0.3534, 0.3687



38.5691, 0.3378, 0.3784



8.3220, 0.3270, 0.3436



14.6085, 0.4968, 0.4437



0.4462, 0.4655, 0.4685

Inverse Universe

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



29.3145, 0.2813, 0.2946



49.3580, 0.2739, 0.2858



26.1379, 0.2846, 0.2759



7.7171, 0.2986, 0.3140



4.6035, 0.1656, 0.1160



0.2081, 0.1847, 0.1848

Previews

White Background



This preview shows how the Yxy color 34.7773, 0.3453, 0.3612 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 34.7773, 0.3453, 0.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

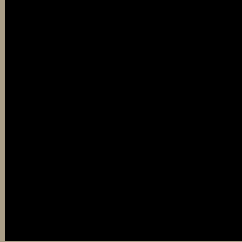
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7773, 0.3453, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 34.7773, 0.3453, 0.3612.



This preview shows how white text looks on a background with the Yxy color 34.7773, 0.3453, 0.3612.

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

34.7773, 0.3453, 0.3612

Protanopia

34.7893, 0.3420, 0.3630

Deuteranopia

34.6559, 0.3595, 0.3516



Tritanopia

34.8630, 0.3214, 0.3122

Trichromacy



Original Color

34.7773, 0.3453, 0.3612

Protanomaly

34.8987, 0.3430, 0.3629

Deuteranomaly

34.7138, 0.3536, 0.3547

Tritanomaly

34.6935, 0.3307, 0.3291

Monochromacy



Original Color

34.7773, 0.3453, 0.3612

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.8172, 0.3239, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7773, 0.3453, 0.3612 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, 158, 136)` looks like.

```
.text, #text, p{  
    color:rgb(170, 158, 136)  
}
```

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, 158, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 158, 136) }
```

Border

The CSS property to change the border of an element to Yxy 34.7773, 0.3453, 0.3612 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, 158, 136) }
```

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

```
.border{ border-color:rgb(170, 158, 136) }
```

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

Here you see how a box with a 4 pixel rgb(170, 158, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 158, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 158, 136);  
box-shadow:4px 4px 4px 4px rgb(170, 158,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7773, 0.3453, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 158, 136) }
```

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

```
.background{ background-color: rgb(170,  
158, 136) }
```

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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