

Converting Colors

$Y_{xy}(23.5663, 0.3355, 0.3507)$

Have a look what the booklet for
Yxy(23.5663, 0.3355, 0.3507)
contains.

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Color

Yxy(23.4340, 0.3352, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	8C8478
RGB	140, 132, 120
RGB Percent	55%, 52%, 47%
CMY	0.4510, 0.4823, 0.5295
CMYK	0.00, 0.06, 0.14, 0.45
HSL	36°, 8%, 51%
HSV	36°, 14%, 55%
XYZ	22.4559, 23.4340, 21.1027
YIQ	133.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

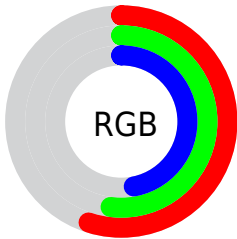
Format	Color
R_{YB}	133, 140, 120
Decimal	9208952
CIE Lab	55.52, 0.84, 7.56
CIE LCh	56, 7.609, 83.662
Yxy	23.4340, 0.3352, 0.3498
Android (android.graphics.Color)	4287399032 (0xFF8C8478)
YUV	133.0240, -6.4208, 6.1180
Hunter-Lab	48.4087, -1.9123, 8.0400

Details

The Yxy color **23.4340, 0.3352, 0.3498** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3182, 0.2911, 0.3073**, and the grayscale version is **23.4862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.1458, 0.3308, 0.3455**, and **8.8281, 0.3434, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **21.6431, 0.3531, 0.3651**, and if you desaturate by 10%, it is **25.3580, 0.3191, 0.3351**.

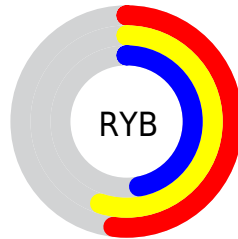
Distribution



Red (55%)

Green (52%)

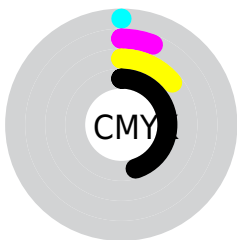
Blue (47%)



Red (52%)

Yellow (55%)

Blue (47%)

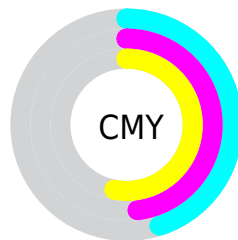


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (45%)



Cyan (45%)


Magenta (48%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4340, 0.3352, 0.3498 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 23.4340, 0.3352, 0.3498 by changing the saturation by 10% instead.


 23.4340, 0.3352,
0.3498


 23.4340, 0.3352,
0.3498


269.9463, 0.3227,
0.3382


 14.9143, 0.3389,
0.3532


 49.1050, 0.3303,
0.3453

 8.7593, 0.3439,
0.3578


 67.0250, 0.3285,
0.3437

 4.5845, 0.3514,
0.3646

 88.8473, 0.3271,
0.3424

 2.0056, 0.3636,
0.3756

114.9563, 0.3259,
0.3413

 0.6107, 0.4459,
0.4531

145.7363, 0.3249,
0.3403

 0.0000, 0.0000,
0.0000

181.5717, 0.3241,

0.3395

222.8469, 0.3233,
0.3389

■ 23.4340, 0.3352,
0.3498

■ 23.4340, 0.3352,
0.3498

■ 21.6431, 0.3531,
0.3651

■ 25.3580, 0.3191,
0.3351

■ 19.9789, 0.3727,
0.3806

■ 27.4152, 0.3047,
0.3212

■ 18.4386, 0.3939,
0.3958

■ 29.6099, 0.2920,
0.3082

■ 17.0186, 0.4161,
0.4099

■ 31.9449, 0.2807,
0.2962

■ 15.7147, 0.4388,
0.4219

■ 34.4232, 0.2706,
0.2851

■ 14.5224, 0.4610,
0.4307

■ 37.0475, 0.2618,
0.2750

■ 13.4369, 0.4815,
0.4353

■ 39.8206, 0.2539,
0.2657

■ 12.4522, 0.4993,
0.4351

■ 42.7451, 0.2470,
0.2572

■ 11.9280, 0.5091,
0.4340

■ 45.8234, 0.2408,
0.2494

Harmonies

Analogous

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



23.4340, 0.3392, 0.3416



23.4340, 0.3352, 0.3498



23.4340, 0.3252, 0.3525

Triad

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



23.4340, 0.3352, 0.3498



23.4340, 0.2901, 0.3269



23.4340, 0.3130, 0.3105

Complementary

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



23.4340, 0.3352, 0.3498



21.3182, 0.2911, 0.3073

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.



23.4340, 0.3000, 0.3065



23.4340, 0.3352, 0.3498



23.4340, 0.2870, 0.3156

Square

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



23.4340, 0.3352, 0.3498



23.4340, 0.2992, 0.3391



23.4340, 0.2906, 0.3082



23.4340, 0.3262, 0.3191

Rectangle

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



23.4340, 0.3352, 0.3498



23.4340, 0.3165, 0.3506



23.4340, 0.2906, 0.3082



23.4340, 0.3085, 0.3085

Sweetspot

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



23.4350, 0.3352, 0.3498



44.7816, 0.3188, 0.3348



20.5623, 0.3284, 0.3152



10.2632, 0.3198, 0.3358



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.4350, 0.3352, 0.3498



40.3254, 0.3405, 0.3544



25.5158, 0.3310, 0.3633



5.5152, 0.3267, 0.3421



10.6373, 0.5085, 0.4344



0.0994, 0.4611, 0.4721

Inverse Universe

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



21.3182, 0.2911, 0.3073



35.8888, 0.2862, 0.3022



19.4583, 0.2929, 0.2927



5.1988, 0.2991, 0.3155



4.2259, 0.1697, 0.1309



0.0554, 0.1925, 0.2131

Previews

White Background



This preview shows how the Yxy color 23.4340, 0.3352, 0.3498 looks on a white background.

Color Contrast Check

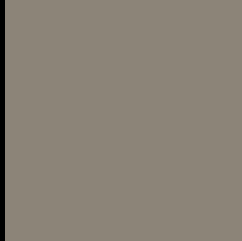
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4340, 0.3352, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

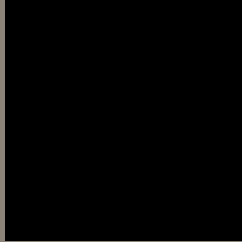
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4340, 0.3352, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 23.4340, 0.3352, 0.3498.



This preview shows how white text looks on a background with the Yxy color 23.4340, 0.3352, 0.3498.

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

23.4340, 0.3352, 0.3498

Protanopia

23.5344, 0.3326, 0.3516

Deuteranopia

23.3028, 0.3473, 0.3408



Tritanopia

23.4042, 0.3181, 0.3123

Trichromacy



Original Color

23.4340, 0.3352, 0.3498

Protanomaly

23.6201, 0.3337, 0.3515

Deuteranomaly

23.1920, 0.3421, 0.3426

Tritanomaly

23.3820, 0.3246, 0.3257

Monochromacy



Original Color

23.4340, 0.3352, 0.3498

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.5678, 0.3215, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4340, 0.3352, 0.3498 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(140, 132, 120)` looks like.

```
.text, #text, p{  
    color:rgb(140, 132, 120)  
}
```

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(140, 132, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 132, 120) }
```

Border

The CSS property to change the border of an element to Yxy 23.4340, 0.3352, 0.3498 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(140, 132, 120) }
```

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

```
.border{ border-color:rgb(140, 132, 120) }
```

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

Here you see how a box with a 4 pixel rgb(140, 132, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 132, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 132, 120);  
box-shadow:4px 4px 4px 4px rgb(140, 132,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4340, 0.3352, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 132, 120) }
```

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

```
.background{ background-color: rgb(140,  
132, 120) }
```

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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