

Converting Colors

$Yxy(44.3312, 0.3863, 0.3350)$

Have a look what the booklet for
Yxy(44.3312, 0.3863, 0.3350)
contains.

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Color

Yxy(44.3312, 0.3863, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	E6A09B
RGB	230, 160, 155
RGB Percent	90%, 63%, 61%
CMY	0.0981, 0.3725, 0.3921
CMYK	0.00, 0.30, 0.33, 0.10
HSL	4°, 60%, 75%
HSV	4°, 33%, 90%
XYZ	51.1198, 44.3312, 36.8809
YIQ	180.3600, 43.3250, 13.2850

Conversions

Conversions Part 2

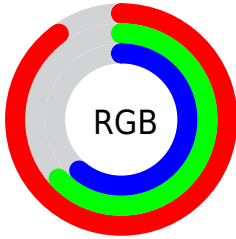
Format	Color
R _Y B	230, 160, 155
Decimal	15114395
CIE Lab	72.45, 25.37, 13.08
CIE LCh	72, 28.546, 27.279
Yxy	44.3312, 0.3863, 0.3350
Android (android.graphics.Color)	4293304475 (0xFFE6A09B)
YUV	180.3600, -12.5025, 43.5343
Hunter-Lab	66.5817, 20.5301, 13.7653

Details

The Yxy color **44.3312, 0.3863, 0.3350** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.5362, 0.2656, 0.3229**, and the grayscale version is **45.8982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4643, 0.3468, 0.3352**, and **20.6088, 0.4083, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **36.8202, 0.4205, 0.3369**, and if you desaturate by 10%, it is **53.2789, 0.3581, 0.3331**.

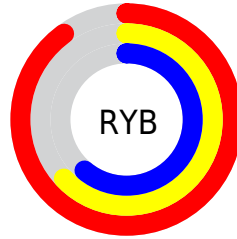
Distribution



Red (90%)

Green (63%)

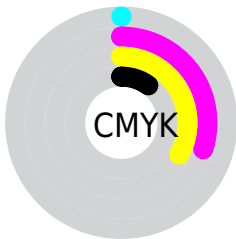
Blue (61%)



Red (90%)

Yellow (63%)

Blue (61%)

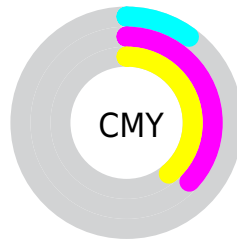


Cyan (0%)

Magenta (30%)

Yellow (33%)

Black (10%)



Cyan (10%)


Magenta (37%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3312, 0.3863, 0.3350 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 44.3312, 0.3863, 0.3350 by changing the saturation by 10% instead.

 44.3312, 0.3863,
0.3350

 44.3312, 0.3863,
0.3350

364.0581, 0.3488,
0.3330

 30.9310, 0.3958,
0.3352


 81.7159, 0.3725,
0.3345

 20.5463, 0.4081,
0.3353


 106.4691, 0.3674,
0.3342

 12.7928, 0.4246,
0.3350

135.7755, 0.3631,
0.3340

 7.2860, 0.4478,
0.3340


170.0194, 0.3594,
0.3337

 3.6416, 0.4825,
0.3311

209.5852, 0.3562,
0.3335

 1.4752, 0.5446,
0.3259

254.8573, 0.3534,

 0.2712, 0.7640,

0.3333

0.2360

306.2202, 0.3510,
0.3331

0.0000, 0.0000,
0.0000

44.3312, 0.3863,
0.3350

44.3312, 0.3863,
0.3350

36.8202, 0.4205,
0.3369

53.2789, 0.3581,
0.3331

30.6652, 0.4609,
0.3384

63.7260, 0.3353,
0.3312

25.7871, 0.5060,
0.3393

75.7392, 0.3169,
0.3294

22.0961, 0.5523,
0.3391

89.3793, 0.3020,
0.3278

19.4907, 0.5937,
0.3376

95.5618, 0.2976,
0.3290

■ 17.8524, 0.6233,
0.3349

■ 17.1720, 0.6362,
0.3330

Harmonies

Analogous

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



44.3312, 0.3578, 0.3032



44.3312, 0.3863, 0.3350



44.3312, 0.3933, 0.3674

Triad

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



44.3312, 0.3863, 0.3350



44.3312, 0.3039, 0.3887



44.3312, 0.2500, 0.2659

Complementary

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



44.3312, 0.3863, 0.3350



66.5362, 0.2656, 0.3229

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.



44.3312, 0.2380, 0.2834



44.3312, 0.3863, 0.3350



44.3312, 0.2676, 0.3555

Square

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



44.3312, 0.3863, 0.3350



44.3312, 0.3442, 0.4021



44.3312, 0.2441, 0.3158



44.3312, 0.2783, 0.2646

Rectangle

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



44.3312, 0.3863, 0.3350



44.3312, 0.3850, 0.3857



44.3312, 0.2441, 0.3158



44.3312, 0.2441, 0.2699

Sweetspot

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



44.3333, 0.3863, 0.3350



84.2071, 0.3302, 0.3307



45.7754, 0.3197, 0.2518



17.5838, 0.3330, 0.3310



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



44.3333, 0.3863, 0.3350



49.5445, 0.4082, 0.3363



58.7839, 0.3730, 0.3758



14.5211, 0.3291, 0.3306



9.7842, 0.6350, 0.3340



0.7775, 0.6216, 0.3447

Inverse Universe

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



66.5362, 0.2656, 0.3229



81.6139, 0.2574, 0.3215



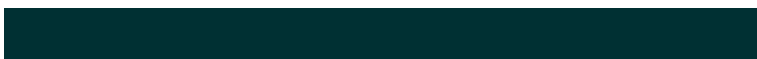
48.9742, 0.2599, 0.2770



16.1635, 0.2982, 0.3274



30.7343, 0.2189, 0.3082



2.3209, 0.2198, 0.3114

Previews

White Background



This preview shows how the Yxy color 44.3312, 0.3863, 0.3350 looks on a white background.

Color Contrast Check

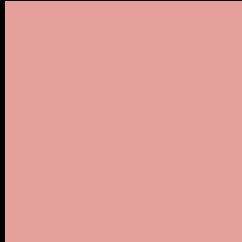
Large Text (above 18pt) WCAG AA × Fail

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 44.3312, 0.3863, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

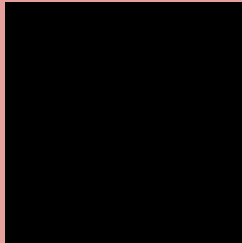
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3312, 0.3863, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 44.3312, 0.3863, 0.3350.



This preview shows how white text looks on a background with the Yxy color 44.3312, 0.3863, 0.3350.

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

44.3312, 0.3863, 0.3350

Protanopia

44.4389, 0.3306, 0.3463

Deuteranopia

44.2631, 0.3595, 0.3519



Tritanopia

44.3449, 0.3729, 0.3154

Trichromacy



Original Color

44.3312, 0.3863, 0.3350

Protanomaly

44.1165, 0.3493, 0.3418

Deuteranomaly

44.1167, 0.3684, 0.3452

Tritanomaly

44.5018, 0.3776, 0.3223

Monochromacy



Original Color

44.3312, 0.3863, 0.3350

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.8332, 0.3372, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3312, 0.3863, 0.3350 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(230, 160, 155)` looks like.

```
.text, #text, p{  
    color:rgb(230, 160, 155)  
}
```

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(230, 160, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 160, 155) }
```

Border

The CSS property to change the border of an element to Yxy 44.3312, 0.3863, 0.3350 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(230, 160, 155) }
```

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

```
.border{ border-color:rgb(230, 160, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 160, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 160, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 160, 155); box-shadow:4px 4px 4px 4px rgb(230, 160, 155) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3312, 0.3863, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 160, 155) }
```

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

```
.background{ background-color: rgb(230,  
160, 155) }
```

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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