

Converting Colors

$Y_{xy}(44.3253, 0.3374, 0.3430)$

Have a look what the booklet for
Yxy(44.3253, 0.3374, 0.3430)
contains.

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Color

Yxy(44.5467, 0.3374, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	C0AFA4
RGB	192, 175, 164
RGB Percent	75%, 69%, 64%
CMY	0.2471, 0.3137, 0.3569
CMYK	0.00, 0.09, 0.15, 0.25
HSL	24°, 18%, 70%
HSV	24°, 15%, 75%
XYZ	43.7684, 44.5467, 41.4074
YIQ	178.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

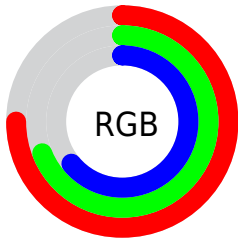
Format	Color
RYB	192, 182, 164
Decimal	12627876
CIELab	72.59, 4.25, 7.85
CIELCh	73, 8.920, 61.578
Yxy	44.5467, 0.3374, 0.3434
Android (android.graphics.Color)	4290817956 (0xFFC0AFA4)
YUV	178.8290, -7.3107, 11.5510
Hunter-Lab	66.7433, 0.2544, 9.9369

Details

The Yxy color **44.5467, 0.3374, 0.3434** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.7389, 0.2903, 0.3142**, and the grayscale version is **45.0184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4060, 0.3330, 0.3412**, and **20.7390, 0.3445, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **39.5655, 0.3578, 0.3539**, and if you desaturate by 10%, it is **50.0278, 0.3199, 0.3334**.

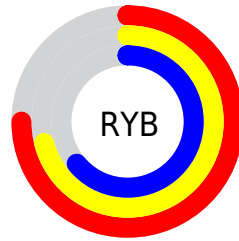
Distribution



Red (75%)

Green (69%)

Blue (64%)



Red (75%)

Yellow (71%)

Blue (64%)

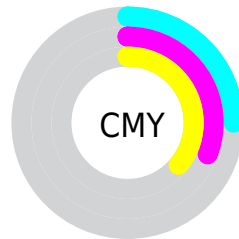


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (25%)



Cyan (25%)


Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5467, 0.3374, 0.3434 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 44.5467, 0.3374, 0.3434 by changing the saturation by 10% instead.

 44.5467, 0.3374,
0.3434


 44.5467, 0.3374,
0.3434


364.9346, 0.3249,
0.3362

 31.1005, 0.3406,
0.3452


 82.0398, 0.3328,
0.3408

 20.6754, 0.3447,
0.3474


 106.8555, 0.3311,
0.3398

 12.8869, 0.3502,
0.3504


136.2298, 0.3297,
0.3390

 7.3507, 0.3579,
0.3546

170.5471, 0.3284,
0.3383

 3.6824, 0.3698,
0.3607

210.1919, 0.3274,
0.3377

 1.4975, 0.3898,
0.3704

255.5484, 0.3265,

 0.2870, 0.5674,

0.3371

0.4326

307.0012, 0.3256,
0.3367

■ 0.0000, 0.0000,
0.0000

■ 44.5467, 0.3374,
0.3434

■ 44.5467, 0.3374,
0.3434

■ 39.5655, 0.3578,
0.3539

■ 50.0278, 0.3199,
0.3334

■ 35.0638, 0.3812,
0.3646

■ 56.0168, 0.3049,
0.3240

■ 31.0283, 0.4079,
0.3751

■ 62.5289, 0.2920,
0.3154

■ 27.4428, 0.4376,
0.3844

■ 69.5770, 0.2810,
0.3074

■ 24.2902, 0.4694,
0.3916

■ 76.8476, 0.2742,
0.3054

■ 21.5520, 0.5018,
0.3954

■ 83.6722, 0.2753,
0.3181

■ 19.2080, 0.5326,
0.3946

■ 89.9467, 0.2762,
0.3289

■ 17.2355, 0.5591,
0.3886

■ 16.3081, 0.5720,
0.3840

Harmonies

Analogous

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



44.5467, 0.3361, 0.3333



44.5467, 0.3374, 0.3434



44.5467, 0.3320, 0.3499

Triad

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



44.5467, 0.3374, 0.3434



44.5467, 0.2972, 0.3356



44.5467, 0.3038, 0.3081

Complementary

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



44.5467, 0.3374, 0.3434



44.7389, 0.2903, 0.3142

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.



44.5467, 0.2936, 0.3083



44.5467, 0.3374, 0.3434



44.5467, 0.2899, 0.3240

Square

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



44.5467, 0.3374, 0.3434



44.5467, 0.3086, 0.3456



44.5467, 0.2886, 0.3140



44.5467, 0.3165, 0.3132

Rectangle

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



44.5467, 0.3374, 0.3434



44.5467, 0.3253, 0.3512



44.5467, 0.2886, 0.3140



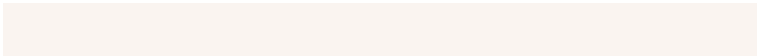
44.5467, 0.2999, 0.3076

Sweetspot

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



44.5487, 0.3374, 0.3434



91.1933, 0.3190, 0.3329



41.1006, 0.3238, 0.3068



19.3945, 0.3203, 0.3336



97.7402, 0.3127, 0.3290



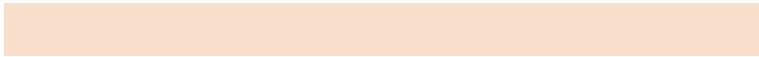
20.4902, 0.3127, 0.3290

Same Dimension

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



44.5487, 0.3374, 0.3434



77.2754, 0.3446, 0.3472



50.1675, 0.3349, 0.3607



10.7132, 0.3279, 0.3381



11.1155, 0.5697, 0.3858



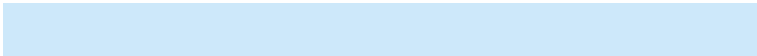
0.6146, 0.5286, 0.4185

Inverse Universe

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



44.7389, 0.2903, 0.3142



77.6949, 0.2846, 0.3100



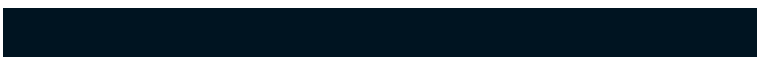
39.4288, 0.2897, 0.2952



10.7419, 0.2984, 0.3197



11.1977, 0.1878, 0.1962



0.6150, 0.1970, 0.2291

Previews

White Background



This preview shows how the Yxy color 44.5467, 0.3374, 0.3434 looks on a white background.

Color Contrast Check

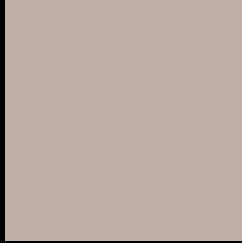
Large Text (above 18pt) WCAG AA × Fail

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 44.5467, 0.3374, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

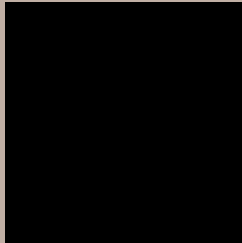
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5467, 0.3374, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 44.5467, 0.3374, 0.3434.



This preview shows how white text looks on a background with the Yxy color 44.5467, 0.3374, 0.3434.

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

44.5467, 0.3374, 0.3434

Protanopia

44.3512, 0.3289, 0.3450

Deuteranopia

44.5010, 0.3445, 0.3380



Tritanopia

44.6099, 0.3224, 0.3126

Trichromacy



Original Color

44.5467, 0.3374, 0.3434

Protanomaly

44.3321, 0.3318, 0.3436

Deuteranomaly

44.4741, 0.3415, 0.3393

Tritanomaly

44.5308, 0.3283, 0.3239

Monochromacy



Original Color

44.5467, 0.3374, 0.3434

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0871, 0.3212, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5467, 0.3374, 0.3434 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(192, 175, 164)` looks like.

```
.text, #text, p{  
    color:rgb(192, 175, 164)  
}
```

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(192, 175, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 175, 164) }
```

Border

The CSS property to change the border of an element to Yxy 44.5467, 0.3374, 0.3434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

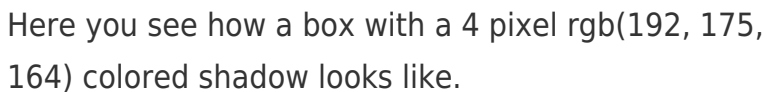
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 175, 164) }
```

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

```
.border{ border-color:rgb(192, 175, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 175, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 175, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 175, 164); box-shadow:4px 4px 4px 4px rgb(192, 175, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5467, 0.3374, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 175, 164) }
```

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

```
.background{ background-color: rgb(192,  
175, 164) }
```

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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