

Converting Colors

Yxy(44.6514, 0.3304, 0.3340)

Have a look what the booklet for
Yxy(44.6514, 0.3304, 0.3340)
contains.

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Color

Yxy(44.6766, 0.3304, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	BFAFAB
RGB	191, 175, 171
RGB Percent	75%, 69%, 67%
CMY	0.2510, 0.3137, 0.3293
CMYK	0.00, 0.08, 0.10, 0.25
HSL	12°, 13%, 71%
HSV	12°, 10%, 75%
XYZ	44.1686, 44.6766, 44.8370
YIQ	179.3280, 10.8200, 2.1480

Conversions

Conversions Part 2

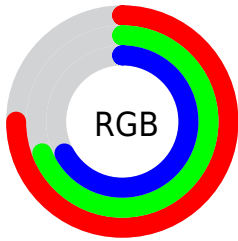
Format	Color
RYB	191, 176, 171
Decimal	12562347
CIELab	72.68, 5.05, 4.10
CIELCh	73, 6.503, 39.073
Yxy	44.6766, 0.3304, 0.3342
Android (android.graphics.Color)	4290752427 (0xFFBFAFAB)
YUV	179.3280, -4.1057, 10.2363
Hunter-Lab	66.8406, 0.9828, 7.0163

Details

The Yxy color $44.6766, 0.3304, 0.3342$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.9749, 0.2968, 0.3237$, and the grayscale version is $45.2832, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.4170, 0.3270, 0.3341$, and $20.8162, 0.3348, 0.3362$ is the 20% darker color. If you saturate the color by 10%, you get $38.3796, 0.3509, 0.3395$, and if you desaturate by 10%, it is $51.7576, 0.3134, 0.3292$.

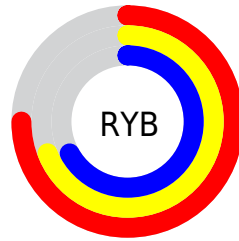
Distribution



Red (75%)

Green (69%)

Blue (67%)



Red (75%)

Yellow (69%)

Blue (67%)

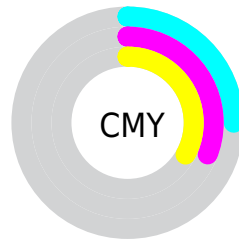


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6766, 0.3304, 0.3342 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 44.6766, 0.3304, 0.3342 by changing the saturation by 10% instead.


 44.6766, 0.3304,
0.3342

 44.6766, 0.3304,
0.3342


365.4622, 0.3215,
0.3316

 31.2028, 0.3327,
0.3348


 82.2349, 0.3271,
0.3333

 20.7533, 0.3356,
0.3356


107.0882, 0.3259,
0.3329

 12.9438, 0.3395,
0.3367


136.5034, 0.3249,
0.3326

 7.3899, 0.3451,
0.3381

170.8649, 0.3240,
0.3324

 3.7071, 0.3536,
0.3402

210.5571, 0.3232,
0.3322

 1.5111, 0.3681,
0.3435

255.9645, 0.3226,

 0.2965, 0.5490,

0.3320

0.4018

307.4714, 0.3220,
0.3318

0.0000, 0.0000,
0.0000

44.6766, 0.3304,
0.3342

44.6766, 0.3304,
0.3342

38.3796, 0.3509,
0.3395

51.7576, 0.3134,
0.3292

32.8338, 0.3756,
0.3450

59.6424, 0.2994,
0.3246

28.0127, 0.4050,
0.3505

68.3572, 0.2877,
0.3204

23.8861, 0.4394,
0.3554

77.9255, 0.2779,
0.3166

20.4215, 0.4781,
0.3591

87.6046, 0.2754,
0.3252

■ 17.5838, 0.5193,
0.3606

■ 89.8165, 0.2757,
0.3289

■ 15.3346, 0.5594,
0.3591

■ 13.6311, 0.5937,
0.3541

■ 12.4629, 0.6182,
0.3474

Harmonies

Analogous

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



44.6766, 0.3259, 0.3261



44.6766, 0.3304, 0.3342



44.6766, 0.3301, 0.3411

Triad

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



44.6766, 0.3304, 0.3342



44.6766, 0.3075, 0.3395



44.6766, 0.3004, 0.3135

Complementary

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



44.6766, 0.3304, 0.3342



47.9749, 0.2968, 0.3237

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.



44.6766, 0.2956, 0.3168



44.6766, 0.3304, 0.3342



44.6766, 0.2997, 0.3318

Square

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



44.6766, 0.3304, 0.3342



44.6766, 0.3168, 0.3443



44.6766, 0.2954, 0.3234



44.6766, 0.3084, 0.3143

Rectangle

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



44.6766, 0.3304, 0.3342



44.6766, 0.3272, 0.3440



44.6766, 0.2954, 0.3234



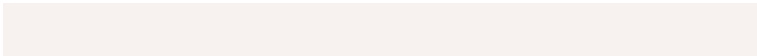
44.6766, 0.2983, 0.3141

Sweetspot

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



44.6786, 0.3304, 0.3342



89.2761, 0.3175, 0.3305



43.8154, 0.3170, 0.3082



19.3728, 0.3188, 0.3309



97.7402, 0.3127, 0.3290



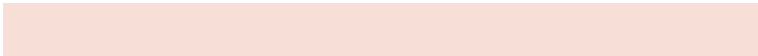
20.4902, 0.3127, 0.3290

Same Dimension

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



44.6786, 0.3304, 0.3342



76.7804, 0.3357, 0.3356



48.5805, 0.3290, 0.3465



9.8355, 0.3283, 0.3336



8.2832, 0.6161, 0.3490



0.4173, 0.5710, 0.3848

Inverse Universe

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



47.9749, 0.2968, 0.3237



84.0959, 0.2926, 0.3223



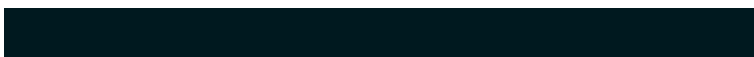
44.0066, 0.2966, 0.3108



10.4782, 0.2985, 0.3243



17.5590, 0.2069, 0.2647



0.7714, 0.2116, 0.2817

Previews

White Background



This preview shows how the Yxy color 44.6766, 0.3304, 0.3342 looks on a white background.

Color Contrast Check

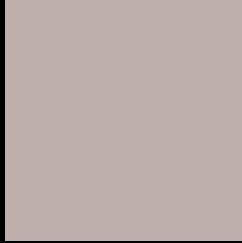
Large Text (above 18pt) WCAG AA × Fail

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 44.6766, 0.3304, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

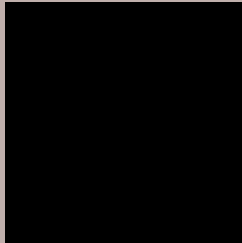
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6766, 0.3304, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 44.6766, 0.3304, 0.3342.



This preview shows how white text looks on a background with the Yxy color 44.6766, 0.3304, 0.3342.

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

44.6766, 0.3304, 0.3342

Protanopia

44.8866, 0.3220, 0.3369

Deuteranopia

44.4894, 0.3365, 0.3291



Tritanopia

44.7698, 0.3197, 0.3125

Trichromacy



Original Color

44.6766, 0.3304, 0.3342

Protanomaly

44.8619, 0.3248, 0.3356

Deuteranomaly

44.4678, 0.3335, 0.3303

Tritanomaly

44.8148, 0.3229, 0.3201

Monochromacy



Original Color

44.6766, 0.3304, 0.3342

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0427, 0.3187, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6766, 0.3304, 0.3342 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(191, 175, 171)` looks like.

```
.text, #text, p{  
    color:rgb(191, 175, 171)  
}
```

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(191, 175, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 175, 171) }
```

Border

The CSS property to change the border of an element to Yxy 44.6766, 0.3304, 0.3342 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(191, 175, 171) }
```

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

```
.border{ border-color:rgb(191, 175, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 175, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 175, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 175, 171);  
box-shadow:4px 4px 4px 4px rgb(191, 175,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6766, 0.3304, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 175, 171) }
```

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

```
.background{ background-color: rgb(191,  
175, 171) }
```

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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