

Converting Colors

Yxy(44.7118, 0.3322, 0.3352)

Have a look what the booklet for
Yxy(44.7118, 0.3322, 0.3352)
contains.

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Color

Yxy(44.7687, 0.3322, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	C0AFAA
RGB	192, 175, 170
RGB Percent	75%, 69%, 67%
CMY	0.2470, 0.3137, 0.3333
CMYK	0.00, 0.09, 0.11, 0.25
HSL	14°, 15%, 71%
HSV	14°, 11%, 75%
XYZ	44.3284, 44.7687, 44.3417
YIQ	179.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

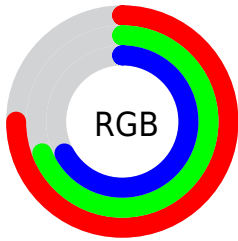
Format	Color
RYB	192, 176, 170
Decimal	12627882
CIELab	72.74, 5.25, 4.75
CIELCh	73, 7.084, 42.147
Yxy	44.7687, 0.3322, 0.3355
Android (android.graphics.Color)	4290817962 (0xFFC0AFAA)
YUV	179.5130, -4.6899, 10.9511
Hunter-Lab	66.9094, 1.1671, 7.5444

Details

The Yxy color $44.7687, 0.3322, 0.3355$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.9104, 0.2953, 0.3224$, and the grayscale version is $45.3907, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.5445, 0.3283, 0.3351$, and $20.8772, 0.3372, 0.3379$ is the 20% darker color. If you saturate the color by 10%, you get $38.6286, 0.3529, 0.3416$, and if you desaturate by 10%, it is $51.6550, 0.3150, 0.3298$.

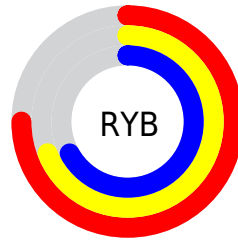
Distribution



Red (75%)

Green (69%)

Blue (67%)



Red (75%)

Yellow (69%)

Blue (67%)

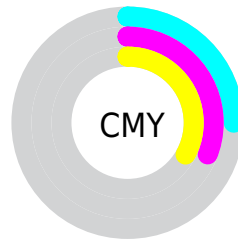


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7687, 0.3322, 0.3355 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 44.7687, 0.3322, 0.3355 by changing the saturation by 10% instead.


 44.7687, 0.3322,
0.3355

 44.7687, 0.3322,
0.3355


365.8360, 0.3224,
0.3323

 31.2753, 0.3347,
0.3363


 82.3732, 0.3286,
0.3344

 20.8086, 0.3379,
0.3373


107.2531, 0.3272,
0.3339

 12.9841, 0.3423,
0.3386


136.6972, 0.3261,
0.3335

 7.4176, 0.3484,
0.3404

171.0901, 0.3251,
0.3332

 3.7246, 0.3577,
0.3430

210.8160, 0.3243,
0.3330

 1.5207, 0.3737,
0.3471

256.2593, 0.3236,

 0.3033, 0.5786,

0.3327

0.4214

307.8045, 0.3229,
0.3325

0.0000, 0.0000,
0.0000

44.7687, 0.3322,
0.3355

44.7687, 0.3322,
0.3355

38.6286, 0.3529,
0.3416

51.6550, 0.3150,
0.3298

33.2037, 0.3777,
0.3479

59.3053, 0.3006,
0.3245

28.4694, 0.4070,
0.3540

67.7445, 0.2887,
0.3197

24.3975, 0.4410,
0.3595

76.9943, 0.2787,
0.3153

20.9581, 0.4790,
0.3636

86.3453, 0.2757,
0.3228

■ 18.1184, 0.5191,
0.3653

■ 89.9490, 0.2763,
0.3289

■ 15.8430, 0.5580,
0.3636

■ 14.0921, 0.5911,
0.3581

■ 12.9719, 0.6130,
0.3515

Harmonies

Analogous

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



44.7687, 0.3278, 0.3268



44.7687, 0.3322, 0.3355



44.7687, 0.3313, 0.3427

Triad

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



44.7687, 0.3322, 0.3355



44.7687, 0.3061, 0.3397



44.7687, 0.3000, 0.3120

Complementary

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



44.7687, 0.3322, 0.3355



47.9104, 0.2953, 0.3224

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.



44.7687, 0.2944, 0.3151



44.7687, 0.3322, 0.3355



44.7687, 0.2979, 0.3310

Square

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



44.7687, 0.3322, 0.3355



44.7687, 0.3161, 0.3453



44.7687, 0.2936, 0.3220



44.7687, 0.3091, 0.3134

Rectangle

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



44.7687, 0.3322, 0.3355



44.7687, 0.3278, 0.3457



44.7687, 0.2936, 0.3220



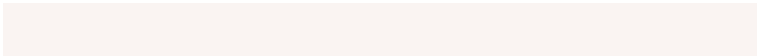
44.7687, 0.2977, 0.3125

Sweetspot

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



44.7707, 0.3322, 0.3355



91.5025, 0.3175, 0.3307



43.5625, 0.3180, 0.3071



19.4062, 0.3188, 0.3311



97.7402, 0.3127, 0.3290



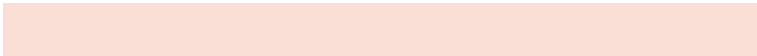
20.4902, 0.3127, 0.3290

Same Dimension

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



44.7707, 0.3322, 0.3355



77.8952, 0.3375, 0.3372



49.1389, 0.3305, 0.3492



10.4397, 0.3283, 0.3343



8.8255, 0.6109, 0.3531



0.4888, 0.5667, 0.3882

Inverse Universe

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



47.9104, 0.2953, 0.3224



84.8210, 0.2911, 0.3207



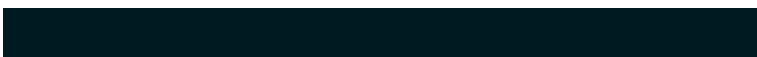
43.5028, 0.2950, 0.3080



11.0291, 0.2984, 0.3237



17.0446, 0.2042, 0.2551



0.8337, 0.2093, 0.2734

Previews

White Background



This preview shows how the Yxy color 44.7687, 0.3322, 0.3355 looks on a white background.

Color Contrast Check

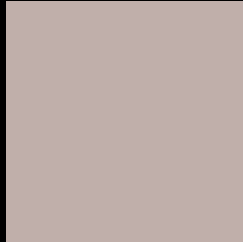
Large Text (above 18pt) WCAG AA × Fail

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 44.7687, 0.3322, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

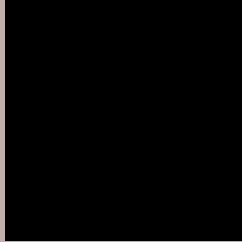
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7687, 0.3322, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 44.7687, 0.3322, 0.3355.



This preview shows how white text looks on a background with the Yxy color 44.7687, 0.3322, 0.3355.

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

44.7687, 0.3322, 0.3355

Protanopia

44.8866, 0.3220, 0.3369

Deuteranopia

44.9315, 0.3390, 0.3329



Tritanopia

44.9016, 0.3206, 0.3126

Trichromacy



Original Color

44.7687, 0.3322, 0.3355

Protanomaly

44.8237, 0.3256, 0.3369

Deuteranomaly

44.9101, 0.3360, 0.3342

Tritanomaly

44.9048, 0.3247, 0.3214

Monochromacy



Original Color

44.7687, 0.3322, 0.3355

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1657, 0.3196, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7687, 0.3322, 0.3355 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(192, 175, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 175, 170) }
```

Border

The CSS property to change the border of an element to Yxy 44.7687, 0.3322, 0.3355 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, 170) }
```

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

```
.border{ border-color:rgb(192, 175, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 175, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 175, 170);  
box-shadow:4px 4px 4px 4px rgb(192, 175,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7687, 0.3322, 0.3355 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, 170) }
```

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

```
.background{ background-color: rgb(192,  
175, 170) }
```

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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