

Converting Colors

Yxy(43.9141, 0.3412, 0.3250)

Have a look what the booklet for
Yxy(43.9141, 0.3412, 0.3250)
contains.

Yxy(44.0510, 0.3417, 0.3253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.0510, 0.3417, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	CBA9AC
RGB	203, 169, 172
RGB Percent	80%, 66%, 67%
CMY	0.2037, 0.3373, 0.3255
CMYK	0.00, 0.17, 0.15, 0.20
HSL	355°, 25%, 73%
HSV	355°, 17%, 80%
XYZ	46.2718, 44.0510, 45.0937
YIQ	179.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

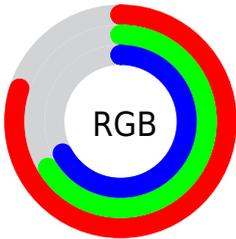
Format	Color
R _Y B	203, 169, 172
Decimal	13347244
CIE Lab	72.26, 12.89, 3.10
CIE LCh	72, 13.260, 13.512
Yxy	44.0510, 0.3417, 0.3253
Android (android.graphics.Color)	4291537324 (0xFFCBA9AC)
YUV	179.5080, -3.7014, 20.6025
Hunter-Lab	66.3709, 8.2958, 6.1769

Details

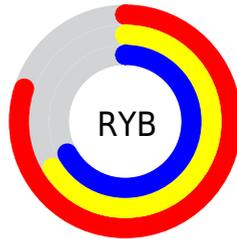
The Yxy color $44.0510, 0.3417, 0.3253$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $55.3382, 0.2896, 0.3328$, and the grayscale version is $45.3799, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.1174, 0.3328, 0.3261$, and $20.3745, 0.3493, 0.3240$ is the 20% darker color. If you saturate the color by 10%, you get $36.4140, 0.3648, 0.3229$, and if you desaturate by 10%, it is $52.9641, 0.3232, 0.3276$.

Distribution



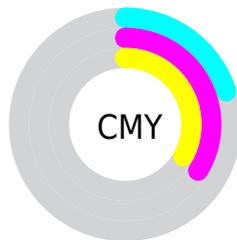
- Red (80%)
- Green (66%)
- Blue (67%)



- Red (80%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (20%)



- Cyan (20%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0510, 0.3417, 0.3253 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 44.0510, 0.3417, 0.3253 by changing the saturation by 10% instead.

 44.0510, 0.3417,
0.3253

 44.0510, 0.3417,
0.3253

362.9164, 0.3270,
0.3273

 30.7106, 0.3454,
0.3248

 81.2945, 0.3363,
0.3261

 20.3786, 0.3503,
0.3240

 105.9664, 0.3343,
0.3263

 12.6705, 0.3568,
0.3230

135.1842, 0.3326,
0.3266

 7.2021, 0.3660,
0.3215

169.3323, 0.3312,
0.3268

 3.5888, 0.3801,
0.3191

208.7953, 0.3299,
0.3269

 1.4463, 0.4043,
0.3145

253.9573, 0.3288,

 0.2505, 0.6432,

0.3271

0.2915

305.2029, 0.3279,
0.3272

0.0000, 0.0000,
0.0000

44.0510, 0.3417,
0.3253

44.0510, 0.3417,
0.3253

36.4140, 0.3648,
0.3229

52.9641, 0.3232,
0.3276

29.9891, 0.3932,
0.3206

63.2017, 0.3083,
0.3297

24.7158, 0.4277,
0.3185

74.8168, 0.2963,
0.3316

20.5259, 0.4682,
0.3170

87.8581, 0.2866,
0.3333

17.3440, 0.5128,
0.3165

91.4428, 0.2822,
0.3289

■ 15.0852, 0.5578,
0.3175

■ 13.6505, 0.5971,
0.3202

■ 12.9107, 0.6246,
0.3242

■ 12.7463, 0.6310,
0.3250

Harmonies

Analogous

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



44.0510, 0.3257, 0.3105



44.0510, 0.3417, 0.3253



44.0510, 0.3498, 0.3414

Triad

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



44.0510, 0.3417, 0.3253



44.0510, 0.3180, 0.3599



44.0510, 0.2789, 0.3023

Complementary

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



44.0510, 0.3417, 0.3253



55.3382, 0.2896, 0.3328

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.



44.0510, 0.2771, 0.3148



44.0510, 0.3417, 0.3253



44.0510, 0.2992, 0.3486

Square

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



44.0510, 0.3417, 0.3253



44.0510, 0.3357, 0.3620



44.0510, 0.2844, 0.3318



44.0510, 0.2895, 0.2973

Rectangle

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



44.0510, 0.3417, 0.3253



44.0510, 0.3494, 0.3510



44.0510, 0.2844, 0.3318



44.0510, 0.2773, 0.3057

Sweetspot

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



44.0530, 0.3417, 0.3253



91.4071, 0.3204, 0.3279



44.9152, 0.3117, 0.2875



19.3163, 0.3215, 0.3278



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.



44.0530, 0.3417, 0.3253



69.0250, 0.3492, 0.3245



49.2735, 0.3417, 0.3460



11.2295, 0.3276, 0.3270



8.1135, 0.6291, 0.3239



0.4243, 0.5964, 0.3059

Inverse Universe

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



44.0530, 0.3417, 0.3253



69.0250, 0.3492, 0.3245



49.3247, 0.2868, 0.3114



11.2295, 0.3276, 0.3270



8.1135, 0.6291, 0.3239



0.4243, 0.5964, 0.3059

Previews

White Background



This preview shows how the Yxy color 44.0510, 0.3417, 0.3253 looks on a white background.

Color Contrast Check

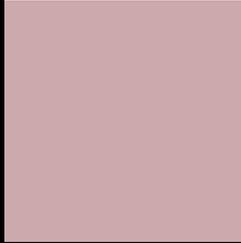
Large Text (above 18pt) WCAG AA × Fail

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 44.0510, 0.3417, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

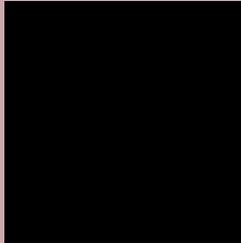
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0510, 0.3417, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 44.0510, 0.3417, 0.3253.



This preview shows how white text looks on a background with the Yxy color 44.0510, 0.3417, 0.3253.

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

44.0510, 0.3417, 0.3253

Protanopia

44.4026, 0.3170, 0.3303

Deuteranopia

43.9747, 0.3357, 0.3278



Tritanopia

44.1788, 0.3347, 0.3129

Trichromacy



Original Color

44.0510, 0.3417, 0.3253

Protanomaly

44.1861, 0.3253, 0.3277

Deuteranomaly

43.8701, 0.3377, 0.3265

Tritanomaly

44.0570, 0.3373, 0.3166

Monochromacy



Original Color

44.0510, 0.3417, 0.3253

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.9164, 0.3225, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0510, 0.3417, 0.3253 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(203, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(203, 169, 172)  
}
```

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(203, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 169, 172) }
```

Border

The CSS property to change the border of an element to Yxy 44.0510, 0.3417, 0.3253 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(203, 169, 172) }
```

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

```
.border{ border-color:rgb(203, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 169, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 169, 172); box-shadow:4px 4px 4px 4px rgb(203, 169, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0510, 0.3417, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 169, 172) }
```

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

```
.background{ background-color: rgb(203,  
169, 172) }
```

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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