

Converting Colors

$Yxy(56.9775, 0.3393, 0.3350)$

Have a look what the booklet for
Yxy(56.9775, 0.3393, 0.3350)
contains.

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Color

Yxy(56.9864, 0.3388, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	DCC1BC
RGB	220, 193, 188
RGB Percent	86%, 76%, 74%
CMY	0.1372, 0.2431, 0.2626
CMYK	0.00, 0.12, 0.15, 0.14
HSL	9°, 31%, 80%
HSV	9°, 15%, 86%
XYZ	57.6672, 56.9864, 55.5566
YIQ	200.5030, 17.6970, 4.1690

Conversions

Conversions Part 2

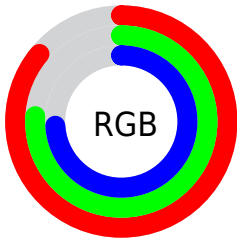
Format	Color
R _Y B	220, 194, 188
Decimal	14467516
CIE Lab	80.17, 8.75, 6.00
CIE LCh	80, 10.609, 34.422
Yxy	56.9864, 0.3388, 0.3348
Android (android.graphics.Color)	4292657596 (0xFFDCC1BC)
YUV	200.5030, -6.1640, 17.0989
Hunter-Lab	75.4893, 4.2520, 9.2079

Details

The Yxy color $56.9864, 0.3388, 0.3348$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.4885, 0.2905, 0.3231$, and the grayscale version is $58.1189, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.5430, 0.3195, 0.3338$, and $28.2138, 0.3460, 0.3352$ is the 20% darker color. If you saturate the color by 10%, you get $48.4034, 0.3616, 0.3391$, and if you desaturate by 10%, it is $66.7518, 0.3201, 0.3307$.

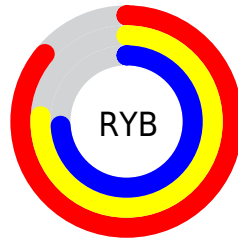
Distribution



Red (86%)

Green (76%)

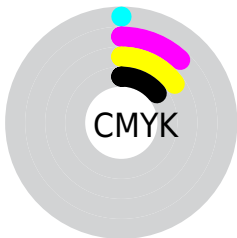
Blue (74%)



Red (86%)

Yellow (76%)

Blue (74%)

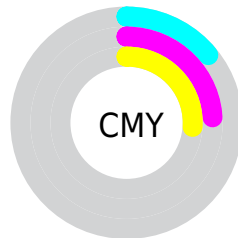


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (14%)



Cyan (14%)

Magenta (24%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9864, 0.3388, 0.3348 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 56.9864, 0.3388, 0.3348 by changing the saturation by 10% instead.


 56.9864, 0.3388,
0.3348

 56.9864, 0.3388,
0.3348


413.3983, 0.3261,
0.3321

 40.9943, 0.3419,
0.3354


 100.4453, 0.3343,
0.3339

 28.3146, 0.3457,
0.3361


128.6810, 0.3326,
0.3335

 18.5630, 0.3508,
0.3371


161.7666, 0.3311,
0.3332

 11.3549, 0.3577,
0.3383

200.0866, 0.3298,
0.3329

 6.3061, 0.3676,
0.3399

244.0254, 0.3287,
0.3327

 3.0321, 0.3830,
0.3420

293.9674, 0.3277,

 1.1485, 0.4113,

0.3325

350.2969, 0.3269,
0.3323

0.3458

0.0190, 0.9241,
0.0759

0.0000, 0.0000,
0.0000

56.9864, 0.3388,
0.3348

56.9864, 0.3388,
0.3348

48.4034, 0.3616,
0.3391

66.7518, 0.3201,
0.3307

40.9506, 0.3893,
0.3435

77.7344, 0.3047,
0.3270

34.5829, 0.4223,
0.3476

89.9767, 0.2921,
0.3236

29.2494, 0.4606,
0.3511

93.9571, 0.2917,
0.3289

■ 24.8951, 0.5029,
0.3531

■ 21.4597, 0.5462,
0.3529

■ 18.8763, 0.5853,
0.3499

■ 17.0683, 0.6148,
0.3441

■ 16.3697, 0.6265,
0.3408

Harmonies

Analogous

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



56.9864, 0.3309, 0.3228



56.9864, 0.3388, 0.3348



56.9864, 0.3395, 0.3456

Triad

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



56.9864, 0.3388, 0.3348



56.9864, 0.3069, 0.3464



56.9864, 0.2927, 0.3061

Complementary

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



56.9864, 0.3388, 0.3348



64.4885, 0.2905, 0.3231

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.



56.9864, 0.2866, 0.3117



56.9864, 0.3388, 0.3348



56.9864, 0.2947, 0.3351

Square

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



56.9864, 0.3388, 0.3348



56.9864, 0.3209, 0.3527



56.9864, 0.2873, 0.3223



56.9864, 0.3041, 0.3065

Rectangle

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



56.9864, 0.3388, 0.3348



56.9864, 0.3358, 0.3507



56.9864, 0.2873, 0.3223



56.9864, 0.2899, 0.3073

Sweetspot

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



56.9889, 0.3388, 0.3348



93.9852, 0.3192, 0.3305



56.1163, 0.3180, 0.2984



19.8813, 0.3205, 0.3308



0.0000, 0.0000, 0.0000



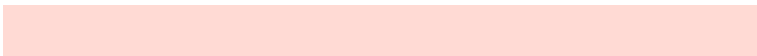
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9889, 0.3388, 0.3348



76.3352, 0.3443, 0.3359



64.3617, 0.3362, 0.3527



13.3762, 0.3288, 0.3327



9.7098, 0.6245, 0.3423



0.7332, 0.5965, 0.3646

Inverse Universe

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



64.4885, 0.2905, 0.3231



88.4670, 0.2866, 0.3220



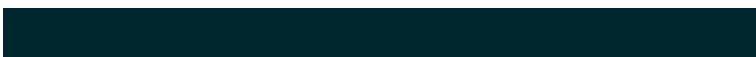
56.8151, 0.2899, 0.3042



14.4673, 0.2982, 0.3253



23.7406, 0.2109, 0.2791



1.6328, 0.2134, 0.2881

Previews

White Background



This preview shows how the Yxy color 56.9864, 0.3388, 0.3348 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 56.9864, 0.3388, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

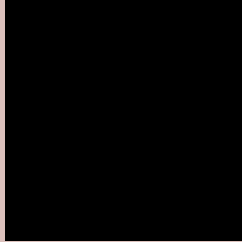
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9864, 0.3388, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 56.9864, 0.3388, 0.3348.

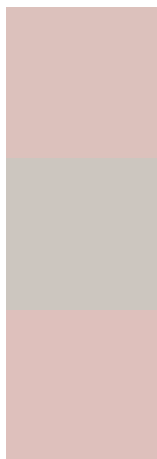


This preview shows how white text looks on a background with the Yxy color 56.9864, 0.3388, 0.3348.

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

56.9864, 0.3388, 0.3348

Protanopia

56.9871, 0.3227, 0.3374

Deuteranopia

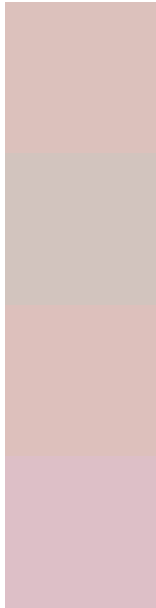
56.8597, 0.3407, 0.3337



Tritanopia

56.7643, 0.3274, 0.3121

Trichromacy



Original Color

56.9864, 0.3388, 0.3348

Protanomaly

56.8992, 0.3285, 0.3361

Deuteranomaly

56.7023, 0.3398, 0.3337

Tritanomaly

56.7573, 0.3312, 0.3199

Monochromacy



Original Color

56.9864, 0.3388, 0.3348

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7836, 0.3221, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9864, 0.3388, 0.3348 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(220, 193, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 193, 188)  
}
```

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(220, 193, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 193, 188) }
```

Border

The CSS property to change the border of an element to Yxy 56.9864, 0.3388, 0.3348 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(220, 193, 188) }
```

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

```
.border{ border-color:rgb(220, 193, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 193, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 193, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 193, 188);  
box-shadow:4px 4px 4px 4px rgb(220, 193,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9864, 0.3388, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 193, 188) }
```

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

```
.background{ background-color: rgb(220,  
193, 188) }
```

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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