

Converting Colors

$Yxy(52.7777, 0.3275, 0.3327)$

Have a look what the booklet for
Yxy(52.7777, 0.3275, 0.3327)
contains.

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Color

Yxy(52.7777, 0.3275, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	CCBDBA
RGB	204, 189, 186
RGB Percent	80%, 74%, 73%
CMY	0.2002, 0.2587, 0.2706
CMYK	0.00, 0.07, 0.09, 0.20
HSL	10°, 15%, 76%
HSV	10°, 9%, 80%
XYZ	51.9528, 52.7777, 53.9040
YIQ	193.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

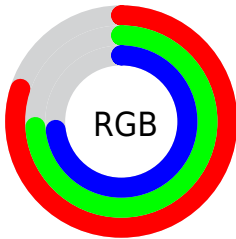
Format	Color
R _Y B	204, 190, 186
Decimal	13417914
CIE Lab	77.74, 4.75, 3.41
CIE LCh	78, 5.846, 35.693
Yxy	52.7777, 0.3275, 0.3327
Android (android.graphics.Color)	4291607994 (0xFFCCBDBA)
YUV	193.1430, -3.5215, 9.5216
Hunter-Lab	72.6483, 0.5159, 6.8614

Details

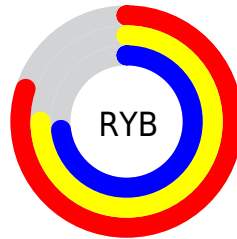
The Yxy color $52.7777, 0.3275, 0.3327$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $56.5402, 0.2992, 0.3253$, and the grayscale version is $53.4318, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.9756, 0.3210, 0.3319$, and $25.7858, 0.3317, 0.3339$ is the 20% darker color. If you saturate the color by 10%, you get $45.0950, 0.3477, 0.3372$, and if you desaturate by 10%, it is $61.4428, 0.3109, 0.3285$.

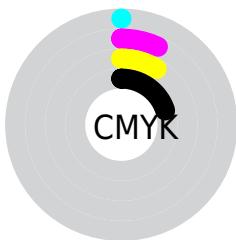
Distribution



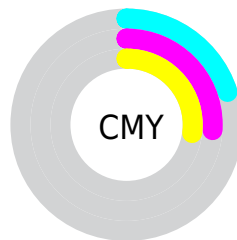
- Red (80%)
- Green (74%)
- Blue (73%)



- Red (80%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (20%)



- Cyan (20%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7777, 0.3275, 0.3327 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 52.7777, 0.3275, 0.3327 by changing the saturation by 10% instead.


 52.7777, 0.3275,
0.3327

 52.7777, 0.3275,
0.3327


397.4317, 0.3202,
0.3309

 37.6253, 0.3293,
0.3331


 94.2772, 0.3249,
0.3321

 25.6920, 0.3315,
0.3336


121.3931, 0.3239,
0.3318

 16.5934, 0.3345,
0.3343


153.2656, 0.3231,
0.3316

 9.9450, 0.3386,
0.3352

190.2792, 0.3223,
0.3315

 5.3625, 0.3446,
0.3365

232.8182, 0.3217,
0.3313

 2.4615, 0.3542,
0.3384

281.2670, 0.3212,

 0.8573, 0.3756,

0.3312

0.3448

336.0100, 0.3207,
0.3310

0.0000, 0.0000,
0.0000

52.7777, 0.3275,
0.3327

52.7777, 0.3275,
0.3327

45.0950, 0.3477,
0.3372

61.4428, 0.3109,
0.3285

38.3533, 0.3722,
0.3419

71.1161, 0.2972,
0.3247

32.5182, 0.4016,
0.3466

81.8313, 0.2859,
0.3212

27.5509, 0.4363,
0.3508

91.5708, 0.2827,
0.3289

23.4095, 0.4758,
0.3540

■ 20.0488, 0.5182,
0.3555

■ 17.4190, 0.5600,
0.3542

■ 15.4644, 0.5958,
0.3499

■ 14.1173, 0.6213,
0.3434

Harmonies

Analogous

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



52.7777, 0.3232, 0.3258



52.7777, 0.3275, 0.3327



52.7777, 0.3277, 0.3387

Triad

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



52.7777, 0.3275, 0.3327



52.7777, 0.3092, 0.3385



52.7777, 0.3016, 0.3159

Complementary

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



52.7777, 0.3275, 0.3327



56.5402, 0.2992, 0.3253

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.



52.7777, 0.2979, 0.3191



52.7777, 0.3275, 0.3327



52.7777, 0.3023, 0.3322

Square

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



52.7777, 0.3275, 0.3327



52.7777, 0.3171, 0.3422



52.7777, 0.2982, 0.3250



52.7777, 0.3082, 0.3162

Rectangle

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



52.7777, 0.3275, 0.3327



52.7777, 0.3256, 0.3414



52.7777, 0.2982, 0.3250



52.7777, 0.3000, 0.3166

Sweetspot

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



52.7800, 0.3275, 0.3327



95.5236, 0.3175, 0.3303



52.1650, 0.3160, 0.3111



20.1954, 0.3189, 0.3306



0.0000, 0.0000, 0.0000



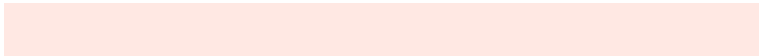
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7800, 0.3275, 0.3327



84.3283, 0.3319, 0.3337



56.7505, 0.3264, 0.3434



11.5134, 0.3286, 0.3330



8.9041, 0.6220, 0.3443



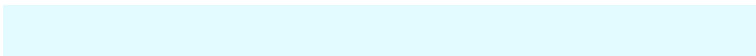
0.5564, 0.5872, 0.3720

Inverse Universe

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



56.5402, 0.2992, 0.3253



92.0910, 0.2957, 0.3242



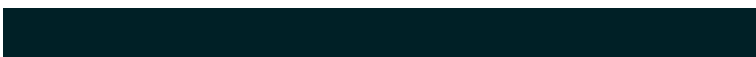
52.4901, 0.2992, 0.3142



12.3935, 0.2983, 0.3250



20.8883, 0.2097, 0.2750



1.1649, 0.2130, 0.2866

Previews

White Background



This preview shows how the Yxy color 52.7777, 0.3275, 0.3327 looks on a white background.

Color Contrast Check

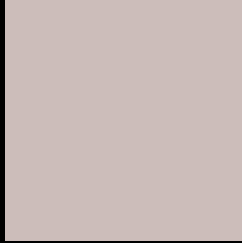
Large Text (above 18pt) WCAG AA × Fail

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 52.7777, 0.3275, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

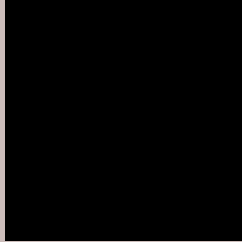
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

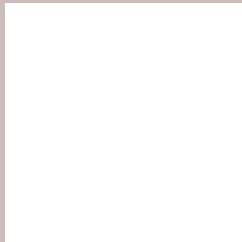
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7777, 0.3275, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 52.7777, 0.3275, 0.3327.



This preview shows how white text looks on a background with the Yxy color 52.7777, 0.3275, 0.3327.

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

52.7777, 0.3275, 0.3327

Protanopia

52.7198, 0.3207, 0.3339

Deuteranopia

52.8518, 0.3348, 0.3279



Tritanopia

52.8795, 0.3176, 0.3124

Trichromacy



Original Color

52.7777, 0.3275, 0.3327

Protanomaly

52.6941, 0.3233, 0.3327

Deuteranomaly

52.8301, 0.3321, 0.3291

Tritanomaly

52.9311, 0.3206, 0.3194

Monochromacy



Original Color

52.7777, 0.3275, 0.3327

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2873, 0.3183, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7777, 0.3275, 0.3327 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(204, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(204, 189, 186)  
}
```

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(204, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 189, 186) }
```

Border

The CSS property to change the border of an element to Yxy 52.7777, 0.3275, 0.3327 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(204, 189, 186) }
```

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

```
.border{ border-color:rgb(204, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(204, 189,  
186) }
```


Background

The CSS property to change the background color of an element to `Yxy 52.7777, 0.3275, 0.3327` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 189, 186) }
```

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

```
.background{ background-color: rgb(204,  
189, 186) }
```

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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