

Converting Colors

$Y_{xy}(57.7529, 0.3342, 0.3372)$

Have a look what the booklet for
Yxy(57.7529, 0.3342, 0.3372)
contains.

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Color

Yxy(57.7529, 0.3342, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	D8C4BD
RGB	216, 196, 189
RGB Percent	85%, 77%, 74%
CMY	0.1530, 0.2313, 0.2588
CMYK	0.00, 0.09, 0.12, 0.15
HSL	16°, 26%, 79%
HSV	16°, 12%, 85%
XYZ	57.2391, 57.7529, 56.2800
YIQ	201.1820, 14.1670, 2.0630

Conversions

Conversions Part 2

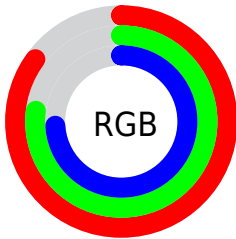
Format	Color
RYB	216, 198, 189
Decimal	14206141
CIELab	80.60, 5.85, 6.05
CIELCh	81, 8.414, 45.942
Yxy	57.7529, 0.3342, 0.3372
Android (android.graphics.Color)	4292396221 (0xFFD8C4BD)
YUV	201.1820, -6.0057, 12.9954
Hunter-Lab	75.9953, 1.4530, 9.2883

Details

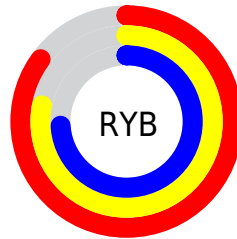
The Yxy color $57.7529, 0.3342, 0.3372$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.3637, 0.2935, 0.3207$, and the grayscale version is $58.5587, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1031, 0.3186, 0.3367$, and $28.7006, 0.3397, 0.3383$ is the 20% darker color. If you saturate the color by 10%, you get $50.0529, 0.3552, 0.3442$, and if you desaturate by 10%, it is $66.3663, 0.3166, 0.3306$.

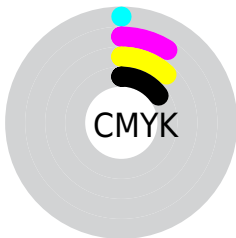
Distribution



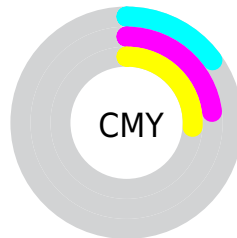
- Red (85%)
- Green (77%)
- Blue (74%)



- Red (85%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (15%)




- Cyan (15%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7529, 0.3342, 0.3372 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 57.7529, 0.3342, 0.3372 by changing the saturation by 10% instead.


 57.7529, 0.3342,
0.3372

 57.7529, 0.3342,
0.3372

416.2646, 0.3238,
0.3333

 41.6100, 0.3367,
0.3381


 101.5629, 0.3305,
0.3358

 28.7961, 0.3399,
0.3392


129.9989, 0.3291,
0.3353

 18.9266, 0.3440,
0.3407


163.3013, 0.3279,
0.3349

 11.6172, 0.3496,
0.3426

201.8546, 0.3268,
0.3345

 6.4836, 0.3576,
0.3452

246.0432, 0.3259,
0.3341

 3.1413, 0.3700,
0.3490

296.2515, 0.3251,

 1.2060, 0.3923,

0.3338

352.8638, 0.3244,
0.3336

0.3555

0.0666, 0.7559,
0.2441

0.0000, 0.0000,
0.0000

57.7529, 0.3342,
0.3372

57.7529, 0.3342,
0.3372

50.0529, 0.3552,
0.3442

66.3663, 0.3166,
0.3306

43.2286, 0.3802,
0.3515

75.9142, 0.3019,
0.3244

37.2507, 0.4096,
0.3585

86.4265, 0.2896,
0.3188

32.0855, 0.4434,
0.3648

93.3350, 0.2894,
0.3289

■ 27.6967, 0.4808,
0.3694

■ 24.0455, 0.5198,
0.3712

■ 21.0892, 0.5572,
0.3691

■ 18.7802, 0.5887,
0.3627

■ 17.4321, 0.6072,
0.3561

Harmonies

Analogous

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



57.7529, 0.3300, 0.3278



57.7529, 0.3342, 0.3372



57.7529, 0.3325, 0.3447

Triad

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



57.7529, 0.3342, 0.3372



57.7529, 0.3041, 0.3396



57.7529, 0.3000, 0.3104

Complementary

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



57.7529, 0.3342, 0.3372



61.3637, 0.2935, 0.3207

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.



57.7529, 0.2933, 0.3131



57.7529, 0.3342, 0.3372



57.7529, 0.2957, 0.3299

Square

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



57.7529, 0.3342, 0.3372



57.7529, 0.3150, 0.3463



57.7529, 0.2917, 0.3202



57.7529, 0.3101, 0.3125

Rectangle

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



57.7529, 0.3342, 0.3372



57.7529, 0.3283, 0.3475



57.7529, 0.2917, 0.3202



57.7529, 0.2972, 0.3108

Sweetspot

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



57.7555, 0.3342, 0.3372



94.6369, 0.3191, 0.3316



55.6098, 0.3193, 0.3059



20.0456, 0.3204, 0.3321



0.0000, 0.0000, 0.0000



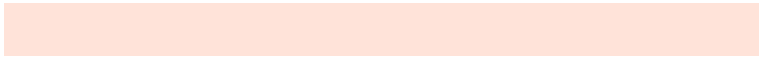
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7555, 0.3342, 0.3372



81.0222, 0.3394, 0.3390



63.9851, 0.3322, 0.3522



12.9399, 0.3285, 0.3351



10.4703, 0.6046, 0.3581



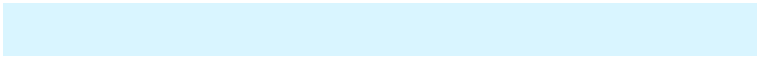
0.7665, 0.5701, 0.3855

Inverse Universe

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



61.3637, 0.2935, 0.3207



87.2783, 0.2895, 0.3187



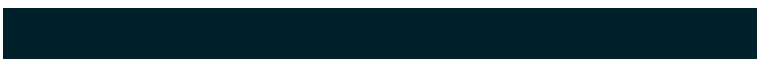
55.1446, 0.2932, 0.3047



13.5365, 0.2982, 0.3228



17.9790, 0.2009, 0.2430



1.2150, 0.2055, 0.2596

Previews

White Background



This preview shows how the Yxy color 57.7529, 0.3342, 0.3372 looks on a white background.

Color Contrast Check

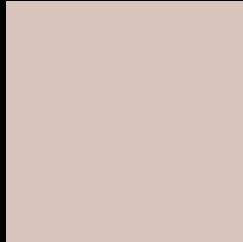
Large Text (above 18pt) WCAG AA × Fail

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 57.7529, 0.3342, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

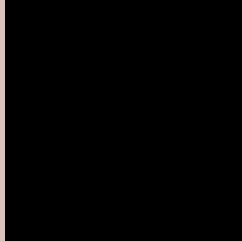
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7529, 0.3342, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 57.7529, 0.3342, 0.3372.



This preview shows how white text looks on a background with the Yxy color 57.7529, 0.3342, 0.3372.

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

57.7529, 0.3342, 0.3372

Protanopia

57.7302, 0.3242, 0.3385

Deuteranopia

57.5456, 0.3397, 0.3325



Tritanopia

57.7541, 0.3224, 0.3120

Trichromacy



Original Color

57.7529, 0.3342, 0.3372

Protanomaly

57.8075, 0.3283, 0.3385

Deuteranomaly

57.5169, 0.3371, 0.3337

Tritanomaly

57.7060, 0.3268, 0.3210

Monochromacy



Original Color

57.7529, 0.3342, 0.3372

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.9999, 0.3197, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7529, 0.3342, 0.3372 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(216, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 189)  
}
```

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(216, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 189) }
```

Border

The CSS property to change the border of an element to Yxy 57.7529, 0.3342, 0.3372 is called "border". The border property can be set on classes, ids or directly on the HTML element.

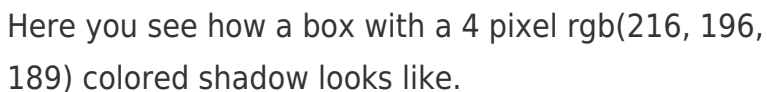
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 196, 189) }
```

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

```
.border{ border-color:rgb(216, 196, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 196, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 196, 189); box-shadow:4px 4px 4px 4px rgb(216, 196, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7529, 0.3342, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 196, 189) }
```

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

```
.background{ background-color: rgb(216,  
196, 189) }
```

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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