

Converting Colors

Yxy(57.4724, 0.3354, 0.3379)

Have a look what the booklet for
Yxy(57.4724, 0.3354, 0.3379)
contains.

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Color

Yxy(57.2600, 0.3352, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	D8C3BC
RGB	216, 195, 188
RGB Percent	85%, 76%, 74%
CMY	0.1528, 0.2353, 0.2627
CMYK	0.00, 0.10, 0.13, 0.15
HSL	15°, 26%, 79%
HSV	15°, 13%, 85%
XYZ	56.9204, 57.2600, 55.6298
YIQ	200.4810, 14.7630, 2.2750

Conversions

Conversions Part 2

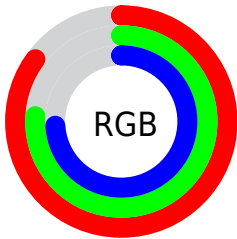
Format	Color
R _Y B	216, 197, 188
Decimal	14205884
CIE Lab	80.33, 6.25, 6.19
CIE LCh	80, 8.801, 44.715
Yxy	57.2600, 0.3352, 0.3372
Android (android.graphics.Color)	4292395964 (0xFFD8C3BC)
YUV	200.4810, -6.1531, 13.6102
Hunter-Lab	75.6703, 1.8473, 9.3816

Details

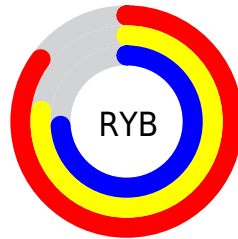
The Yxy color **57.2600, 0.3352, 0.3372** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2793, 0.2928, 0.3207**, and the grayscale version is **58.1069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4125, 0.3193, 0.3367**, and **28.3761, 0.3410, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **49.5218, 0.3565, 0.3440**, and if you desaturate by 10%, it is **65.9323, 0.3174, 0.3308**.

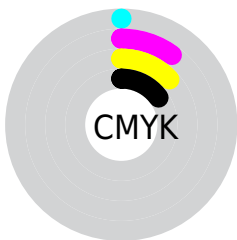
Distribution



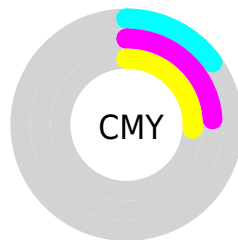
- Red (85%)
- Green (76%)
- Blue (74%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (15%)





- Cyan (15%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2600, 0.3352, 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 57.2600, 0.3352, 0.3372 by changing the saturation by 10% instead.


 57.2600, 0.3352,
0.3372

 57.2600, 0.3352,
0.3372


414.4228, 0.3243,
0.3333

 41.2140, 0.3378,
0.3381


 100.8445, 0.3313,
0.3358

 28.4864, 0.3412,
0.3392


129.1517, 0.3298,
0.3353

 18.6926, 0.3455,
0.3406

162.3149, 0.3286,
0.3349

 11.4484, 0.3514,
0.3425

200.7183, 0.3275,
0.3345

 6.3693, 0.3598,
0.3451

244.7465, 0.3265,
0.3341

 3.0709, 0.3730,
0.3490

294.7837, 0.3257,

 1.1689, 0.3972,

0.3338

0.3558

351.2143, 0.3250,
0.3336

0.0360, 0.8383,
0.1617

0.0000, 0.0000,
0.0000

57.2600, 0.3352,
0.3372

57.2600, 0.3352,
0.3372

49.5218, 0.3565,
0.3440

65.9323, 0.3174,
0.3308

42.6787, 0.3819,
0.3509

75.5609, 0.3026,
0.3249

36.7004, 0.4118,
0.3577

86.1767, 0.2902,
0.3195

31.5515, 0.4461,
0.3636

93.3454, 0.2895,
0.3289

■ 27.1946, 0.4840,
0.3679

■ 23.5889, 0.5236,
0.3693

■ 20.6899, 0.5611,
0.3669

■ 18.4477, 0.5923,
0.3604

■ 17.2293, 0.6095,
0.3543

Harmonies

Analogous

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



57.2600, 0.3306, 0.3273



57.2600, 0.3352, 0.3372



57.2600, 0.3336, 0.3452

Triad

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



57.2600, 0.3352, 0.3372



57.2600, 0.3042, 0.3405



57.2600, 0.2990, 0.3095

Complementary

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



57.2600, 0.3352, 0.3372



61.2793, 0.2928, 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.



57.2600, 0.2922, 0.3126



57.2600, 0.3352, 0.3372



57.2600, 0.2951, 0.3304

Square

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



57.2600, 0.3352, 0.3372



57.2600, 0.3156, 0.3473



57.2600, 0.2908, 0.3202



57.2600, 0.3095, 0.3115

Rectangle

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



57.2600, 0.3352, 0.3372



57.2600, 0.3294, 0.3483



57.2600, 0.2908, 0.3202



57.2600, 0.2962, 0.3100

Sweetspot

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



57.2625, 0.3352, 0.3372



94.5714, 0.3192, 0.3315



55.2012, 0.3192, 0.3044



20.0291, 0.3204, 0.3319



0.0000, 0.0000, 0.0000



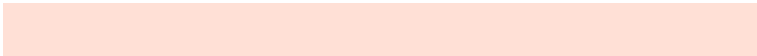
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2625, 0.3352, 0.3372



79.6349, 0.3415, 0.3393



63.6243, 0.3331, 0.3526



12.9186, 0.3285, 0.3349



10.3385, 0.6069, 0.3563



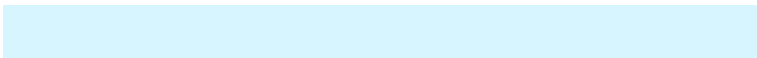
0.7561, 0.5725, 0.3836

Inverse Universe

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



61.2793, 0.2928, 0.3207



86.7491, 0.2880, 0.3185



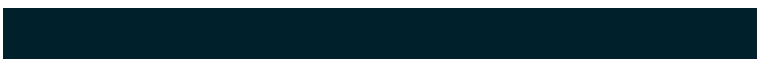
54.8974, 0.2924, 0.3042



13.5592, 0.2982, 0.3231



18.4432, 0.2019, 0.2467



1.2397, 0.2063, 0.2626

Previews

White Background



This preview shows how the Yxy color 57.2600, 0.3352, 0.3372 looks on a white background.

Color Contrast Check

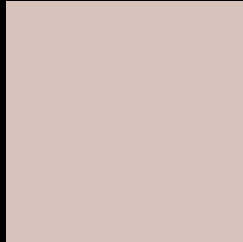
Large Text (above 18pt) WCAG AA × Fail

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 57.2600, 0.3352, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

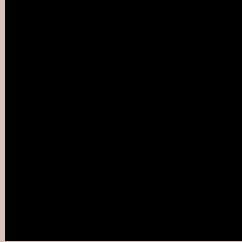
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2600, 0.3352, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 57.2600, 0.3352, 0.3372.



This preview shows how white text looks on a background with the Yxy color 57.2600, 0.3352, 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

57.2600, 0.3352, 0.3372

Protanopia

57.5437, 0.3241, 0.3398

Deuteranopia

57.4587, 0.3413, 0.3348



Tritanopia

57.2643, 0.3232, 0.3120

Trichromacy



Original Color

57.2600, 0.3352, 0.3372

Protanomaly

57.6176, 0.3282, 0.3397

Deuteranomaly

57.4301, 0.3387, 0.3360

Tritanomaly

57.2155, 0.3277, 0.3210

Monochromacy



Original Color

57.2600, 0.3352, 0.3372

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4955, 0.3205, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2600, 0.3352, 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, 195, 188)` looks like.

```
.text, #text, p{  
    color:rgb(216, 195, 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(216, 195, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 195, 188) }
```

Border

The CSS property to change the border of an element to Yxy 57.2600, 0.3352, 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, 195, 188) }
```

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

```
.border{ border-color:rgb(216, 195, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 195, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 195, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 195, 188); box-shadow:4px 4px 4px 4px rgb(216, 195, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2600, 0.3352, 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, 195, 188) }
```

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

```
.background{ background-color: rgb(216,  
195, 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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