

Converting Colors

$Yxy(57.1384, 0.3232, 0.3561)$

Have a look what the booklet for
Yxy(57.1384, 0.3232, 0.3561)
contains.

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Color

Yxy(57.1384, 0.3232, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	C3CAB4
RGB	195, 202, 180
RGB Percent	76%, 79%, 71%
CMY	0.2353, 0.2078, 0.2942
CMYK	0.03, 0.00, 0.11, 0.21
HSL	79°, 17%, 75%
HSV	79°, 11%, 79%
XYZ	51.8594, 57.1384, 51.4583
YIQ	197.3990, 2.8900, -8.3260

Conversions

Conversions Part 2

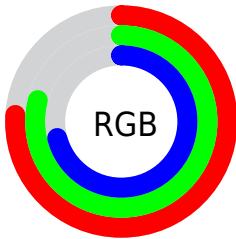
Format	Color
R _Y B	180, 202, 187
Decimal	12831412
CIE Lab	80.26, -6.33, 10.18
CIE LCh	80, 11.985, 121.897
Yxy	57.1384, 0.3232, 0.3561
Android (android.graphics.Color)	4291021492 (0xFFC3CAB4)
YUV	197.3990, -8.5777, -2.1039
Hunter-Lab	75.5899, -9.8203, 12.5510

Details

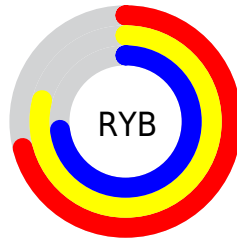
The Yxy color $57.1384, 0.3232, 0.3561$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.4586, 0.3014, 0.3014$, and the grayscale version is $56.1392, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.2716, 0.3219, 0.3474$, and $28.3748, 0.3257, 0.3638$ is the 20% darker color. If you saturate the color by 10%, you get $55.5379, 0.3328, 0.3825$, and if you desaturate by 10%, it is $58.9008, 0.3136, 0.3312$.

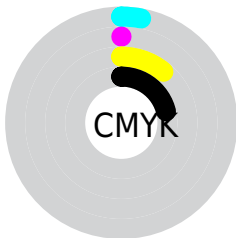
Distribution



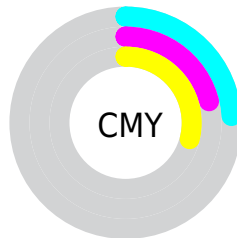
- Red (76%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)




- Cyan (24%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1384, 0.3232, 0.3561 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 57.1384, 0.3232, 0.3561 by changing the saturation by 10% instead.


 57.1384, 0.3232,
0.3561

 57.1384, 0.3232,
0.3561


413.9677, 0.3182,
0.3428

 41.1164, 0.3244,
0.3593


 100.6671, 0.3214,
0.3513

 28.4100, 0.3258,
0.3634


128.9426, 0.3208,
0.3495

 18.6350, 0.3277,
0.3688


162.0713, 0.3202,
0.3480

 11.4068, 0.3302,
0.3761

200.4377, 0.3197,
0.3467

 6.3412, 0.3337,
0.3867

244.4261, 0.3193,
0.3455

 3.0536, 0.3387,
0.4035

294.4210, 0.3189,

 1.1598, 0.3550,

0.3445

0.4440

350.8067, 0.3185,
0.3436

0.0285, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1384, 0.3232,
0.3561

57.1384, 0.3232,
0.3561

55.5379, 0.3328,
0.3825

58.9008, 0.3136,
0.3312

54.0863, 0.3422,
0.4099

60.8230, 0.3042,
0.3081

52.7799, 0.3508,
0.4376

62.9124, 0.2953,
0.2869

51.6124, 0.3582,
0.4645

64.7965, 0.2905,
0.2732

■ 50.5766, 0.3638,
0.4894

■ 65.8246, 0.2951,
0.2739

■ 49.6647, 0.3673,
0.5111

■ 66.8918, 0.2996,
0.2747

■ 48.8679, 0.3683,
0.5287

■ 67.9986, 0.3043,
0.2754

■ 48.1756, 0.3669,
0.5414

■ 69.1454, 0.3089,
0.2762

■ 47.6198, 0.3639,
0.5493

■ 70.3325, 0.3136,
0.2769

Harmonies

Analogous

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



57.1384, 0.3364, 0.3549



57.1384, 0.3232, 0.3561



57.1384, 0.3075, 0.3495

Triad

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



57.1384, 0.3232, 0.3561



57.1384, 0.2831, 0.3103



57.1384, 0.3322, 0.3209

Complementary

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



57.1384, 0.3232, 0.3561



47.4586, 0.3014, 0.3014

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.



57.1384, 0.3175, 0.3097



57.1384, 0.3232, 0.3561



57.1384, 0.2893, 0.3035

Square

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



57.1384, 0.3232, 0.3561



57.1384, 0.2845, 0.3225



57.1384, 0.3018, 0.3034



57.1384, 0.3417, 0.3343

Rectangle

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



57.1384, 0.3232, 0.3561



57.1384, 0.2976, 0.3416



57.1384, 0.3018, 0.3034



57.1384, 0.3277, 0.3168

Sweetspot

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



57.1409, 0.3232, 0.3561



99.0577, 0.3156, 0.3363



51.3712, 0.3310, 0.3376



21.1494, 0.3164, 0.3383



0.0000, 0.0000, 0.0000



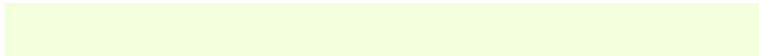
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1409, 0.3232, 0.3561



96.0975, 0.3254, 0.3620



55.7319, 0.3145, 0.3568



12.9106, 0.3217, 0.3522



30.6885, 0.3646, 0.5487



1.6227, 0.3756, 0.5400

Inverse Universe

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



47.4586, 0.3014, 0.3014



76.6076, 0.2989, 0.2953



48.8966, 0.3106, 0.3022



11.0146, 0.3031, 0.3054



3.4957, 0.1733, 0.0728



0.2211, 0.1954, 0.0850

Previews

White Background



This preview shows how the Yxy color 57.1384, 0.3232, 0.3561 looks on a white background.

Color Contrast Check

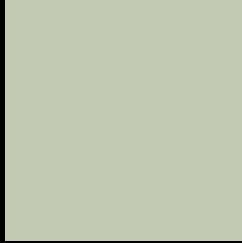
Large Text (above 18pt) WCAG AA × Fail

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 57.1384, 0.3232, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

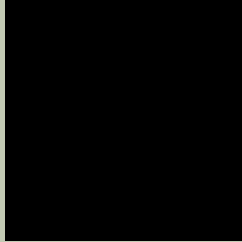
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

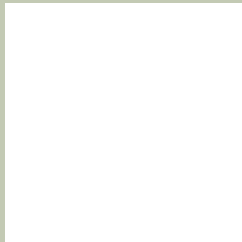
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1384, 0.3232, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 57.1384, 0.3232, 0.3561.



This preview shows how white text looks on a background with the Yxy color 57.1384, 0.3232, 0.3561.

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

57.1384, 0.3232, 0.3561

Protanopia

56.8679, 0.3350, 0.3530

Deuteranopia

56.9240, 0.3472, 0.3406



Tritanopia

57.0160, 0.3035, 0.3102

Trichromacy



Original Color

57.1384, 0.3232, 0.3561

Protanomaly

56.7980, 0.3308, 0.3532

Deuteranomaly

56.9622, 0.3380, 0.3468

Tritanomaly

57.0697, 0.3105, 0.3266

Monochromacy



Original Color

57.1384, 0.3232, 0.3561

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.3442, 0.3162, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1384, 0.3232, 0.3561 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(195, 202, 180)` looks like.

```
.text, #text, p{  
    color:rgb(195, 202, 180)  
}
```

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(195, 202, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 202, 180) }
```

Border

The CSS property to change the border of an element to Yxy 57.1384, 0.3232, 0.3561 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(195, 202, 180) }
```

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

```
.border{ border-color:rgb(195, 202, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 202, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 202, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 202, 180);  
box-shadow:4px 4px 4px 4px rgb(195, 202,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1384, 0.3232, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 202, 180) }
```

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

```
.background{ background-color: rgb(195,  
202, 180) }
```

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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