

Converting Colors

Yxy(57.0830, 0.3133, 0.3431)

Have a look what the booklet for
Yxy(57.0830, 0.3133, 0.3431)
contains.

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Color

Yxy(57.1652, 0.3136, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	C0CABE
RGB	192, 202, 190
RGB Percent	75%, 79%, 75%
CMY	0.2469, 0.2079, 0.2549
CMYK	0.05, 0.00, 0.06, 0.21
HSL	110°, 10%, 77%
HSV	110°, 6%, 79%
XYZ	52.1589, 57.1652, 56.9989
YIQ	197.6420, -2.1080, -5.8520

Conversions

Conversions Part 2

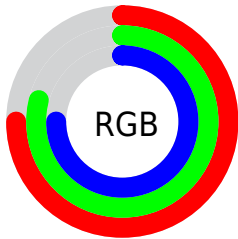
Format	Color
RYB	190, 202, 200
Decimal	12634814
CIELab	80.27, -5.61, 4.80
CIElCh	80, 7.385, 139.467
Yxy	57.1652, 0.3136, 0.3437
Android (android.graphics.Color)	4290824894 (0xFFC0CABE)
YUV	197.6420, -3.7675, -4.9480
Hunter-Lab	75.6077, -9.1730, 8.2280

Details

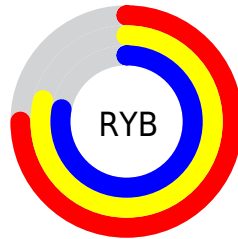
The Yxy color $57.1652, 0.3136, 0.3437$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.3648, 0.3117, 0.3146$, and the grayscale version is $56.2716, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1303, 0.3135, 0.3377$, and $28.4749, 0.3139, 0.3471$ is the 20% darker color. If you saturate the color by 10%, you get $54.2778, 0.3150, 0.3709$, and if you desaturate by 10%, it is $60.4295, 0.3121, 0.3196$.

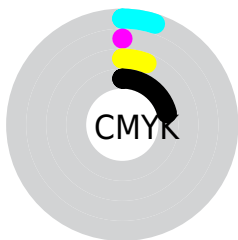
Distribution



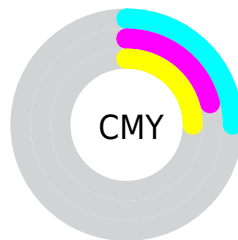
- Red (75%)
- Green (79%)
- Blue (75%)



- Red (75%)
- Yellow (79%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)





- Cyan (25%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1652, 0.3136, 0.3437 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 57.1652, 0.3136, 0.3437 by changing the saturation by 10% instead.


 57.1652, 0.3136,
0.3437

 57.1652, 0.3136,
0.3437

414.0680, 0.3132,
0.3365

 41.1379, 0.3137,
0.3454


 100.7062, 0.3135,
0.3411

 28.4268, 0.3138,
0.3476


128.9887, 0.3134,
0.3402

 18.6477, 0.3139,
0.3505


162.1250, 0.3134,
0.3393

 11.4160, 0.3141,
0.3545

200.4995, 0.3133,
0.3386

 6.3474, 0.3142,
0.3602

244.4967, 0.3133,
0.3380

 3.0574, 0.3145,
0.3692

294.5010, 0.3133,

 1.1618, 0.3147,

0.3375

0.3856

350.8966, 0.3132,
0.3370

0.0302, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1652, 0.3136,
0.3437

57.1652, 0.3136,
0.3437

54.2778, 0.3150,
0.3709

60.4295, 0.3121,
0.3196

51.7466, 0.3160,
0.4010

64.0761, 0.3105,
0.2983

49.5599, 0.3167,
0.4334

68.1193, 0.3089,
0.2798

47.7027, 0.3168,
0.4674

70.7191, 0.3151,
0.2772

■ 46.1587, 0.3162,
0.5011

■ 44.9102, 0.3148,
0.5326

■ 43.9378, 0.3125,
0.5595

■ 43.2196, 0.3095,
0.5798

■ 42.7298, 0.3061,
0.5924

Harmonies

Analogous

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



57.1652, 0.3229, 0.3459



57.1652, 0.3136, 0.3437



57.1652, 0.3041, 0.3374

Triad

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



57.1652, 0.3136, 0.3437



57.1652, 0.2961, 0.3145



57.1652, 0.3286, 0.3289

Complementary

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



57.1652, 0.3136, 0.3437



53.3648, 0.3117, 0.3146

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.



57.1652, 0.3212, 0.3208



57.1652, 0.3136, 0.3437



57.1652, 0.3024, 0.3126

Square

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



57.1652, 0.3136, 0.3437



57.1652, 0.2941, 0.3204



57.1652, 0.3116, 0.3149



57.1652, 0.3317, 0.3372

Rectangle

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



57.1652, 0.3136, 0.3437



57.1652, 0.2990, 0.3318



57.1652, 0.3116, 0.3149



57.1652, 0.3266, 0.3261

Sweetspot

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



57.1677, 0.3136, 0.3437



98.8814, 0.3130, 0.3339



57.4880, 0.3216, 0.3408



21.1764, 0.3130, 0.3337



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.



57.1677, 0.3136, 0.3437



96.1994, 0.3138, 0.3467



57.0722, 0.3093, 0.3390



12.7529, 0.3138, 0.3478



27.4300, 0.3056, 0.5956



1.4441, 0.3175, 0.5861

Inverse Universe

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



53.3648, 0.3117, 0.3146



88.5657, 0.3115, 0.3117



53.4689, 0.3163, 0.3192



11.6809, 0.3115, 0.3107



8.1171, 0.2787, 0.1309



0.4449, 0.2874, 0.1357

Previews

White Background



This preview shows how the Yxy color 57.1652, 0.3136, 0.3437 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 57.1652, 0.3136, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

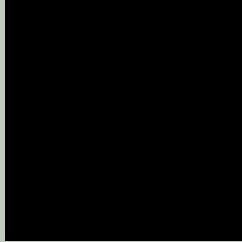
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

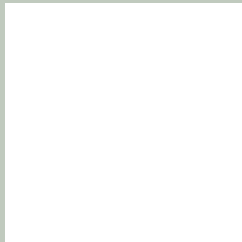
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1652, 0.3136, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 57.1652, 0.3136, 0.3437.



This preview shows how white text looks on a background with the Yxy color 57.1652, 0.3136, 0.3437.

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

57.1652, 0.3136, 0.3437

Protanopia

56.9981, 0.3257, 0.3410

Deuteranopia

56.8772, 0.3366, 0.3291



Tritanopia

56.9790, 0.2998, 0.3100

Trichromacy



Original Color

57.1652, 0.3136, 0.3437

Protanomaly

56.8003, 0.3209, 0.3411

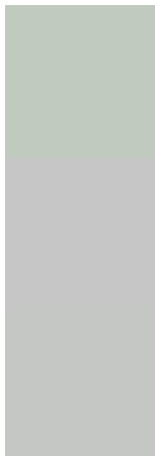
Deuteranomaly

56.9431, 0.3278, 0.3349

Tritanomaly

56.8567, 0.3053, 0.3218

Monochromacy



Original Color

57.1652, 0.3136, 0.3437

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5227, 0.3133, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1652, 0.3136, 0.3437 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(192, 202, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 202, 190)  
}
```

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(192, 202, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 202, 190) }
```

Border

The CSS property to change the border of an element to Yxy 57.1652, 0.3136, 0.3437 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(192, 202, 190) }
```

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

```
.border{ border-color:rgb(192, 202, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 202, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 202, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 202, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 202,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1652, 0.3136, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 202, 190) }
```

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

```
.background{ background-color: rgb(192,  
202, 190) }
```

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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