

Converting Colors

Yxy(60.8061, 0.3246, 0.3472)

Have a look what the booklet for
Yxy(60.8061, 0.3246, 0.3472)
contains.

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Color

Yxy(60.6457, 0.3250, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	CFCDBE
RGB	207, 205, 190
RGB Percent	81%, 80%, 75%
CMY	0.1884, 0.1960, 0.2549
CMYK	0.00, 0.01, 0.08, 0.19
HSL	53°, 15%, 78%
HSV	53°, 8%, 81%
XYZ	56.8499, 60.6457, 57.4271
YIQ	203.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

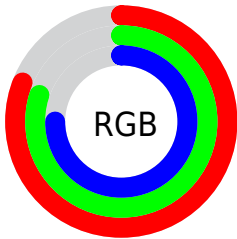
Format	Color
RYB	192, 207, 190
Decimal	13618622
CIELab	82.19, -1.95, 7.70
CIELCh	82, 7.942, 104.195
Yxy	60.6457, 0.3250, 0.3467
Android (android.graphics.Color)	4291808702 (0xFFCFCDBE)
YUV	203.8880, -6.8468, 2.7292
Hunter-Lab	77.8753, -5.9749, 10.7909

Details

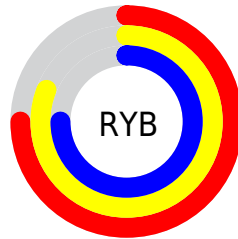
The Yxy color **60.6457, 0.3250, 0.3467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1287, 0.3002, 0.3107**, and the grayscale version is **60.3487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **30.7117, 0.3282, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **58.6792, 0.3407, 0.3690**, and if you desaturate by 10%, it is **62.7632, 0.3101, 0.3252**.

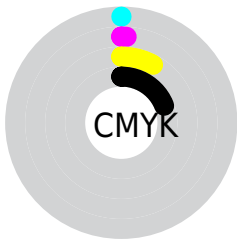
Distribution



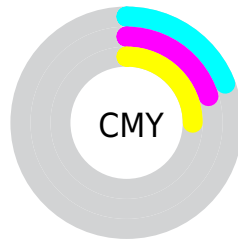
- Red (81%)
- Green (80%)
- Blue (75%)



- Red (75%)
- Yellow (81%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6457, 0.3250, 0.3467 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 60.6457, 0.3250, 0.3467 by changing the saturation by 10% instead.

■ 60.6457, 0.3250,
0.3467

■ 60.6457, 0.3250,
0.3467

■ 426.9737, 0.3191,
0.3382

■ 43.9393, 0.3264,
0.3487

■ 105.7658, 0.3229,
0.3437

■ 30.6228, 0.3281,
0.3513

■ 134.9482, 0.3221,
0.3425

■ 20.3118, 0.3304,
0.3546

■ 169.0582, 0.3215,
0.3416

■ 12.6219, 0.3333,
0.3590

■ 208.4800, 0.3209,
0.3407

■ 7.1687, 0.3376,
0.3653

■ 253.5980, 0.3204,
0.3400

■ 3.5678, 0.3439,
0.3750

■ 304.7967, 0.3199,

■ 1.4349, 0.3545,

0.3393

0.3915

362.4605, 0.3195,
0.3387

0.2422, 0.4299,
0.5701

0.0000, 0.0000,
0.0000

60.6457, 0.3250,
0.3467

60.6457, 0.3250,
0.3467

58.6792, 0.3407,
0.3690

62.7632, 0.3101,
0.3252

56.8504, 0.3570,
0.3915

65.0290, 0.2962,
0.3048

55.1560, 0.3733,
0.4136

67.4505, 0.2834,
0.2858

53.5897, 0.3892,
0.4343

68.8331, 0.2818,
0.2855

■ 52.1447, 0.4039,
0.4527

■ 70.0474, 0.2820,
0.2881

■ 50.8133, 0.4168,
0.4677

■ 71.2793, 0.2821,
0.2907

■ 49.5869, 0.4273,
0.4787

■ 72.5289, 0.2823,
0.2933

■ 48.4553, 0.4352,
0.4852

■ 73.7963, 0.2824,
0.2959

■ 47.4035, 0.4404,
0.4876

■ 75.0815, 0.2826,
0.2985

Harmonies

Analogous

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



60.6457, 0.3313, 0.3433



60.6457, 0.3250, 0.3467



60.6457, 0.3155, 0.3453

Triad

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



60.6457, 0.3250, 0.3467



60.6457, 0.2933, 0.3214



60.6457, 0.3200, 0.3191

Complementary

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



60.6457, 0.3250, 0.3467



53.1287, 0.3002, 0.3107

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.



60.6457, 0.3097, 0.3134



60.6457, 0.3250, 0.3467



60.6457, 0.2944, 0.3146

Square

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



60.6457, 0.3250, 0.3467



60.6457, 0.2972, 0.3304



60.6457, 0.3004, 0.3117



60.6457, 0.3284, 0.3273

Rectangle

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



60.6457, 0.3250, 0.3467



60.6457, 0.3086, 0.3417



60.6457, 0.3004, 0.3117



60.6457, 0.3166, 0.3168

Sweetspot

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



60.6483, 0.3250, 0.3467



99.3031, 0.3157, 0.3333



53.8943, 0.3252, 0.3267



21.2623, 0.3155, 0.3331



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.



60.6483, 0.3250, 0.3467



96.6129, 0.3280, 0.3510



60.6680, 0.3197, 0.3492



13.5563, 0.3269, 0.3494



29.8507, 0.4409, 0.4882



1.7363, 0.4364, 0.4917

Inverse Universe

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



53.1287, 0.3002, 0.3107



81.9133, 0.2970, 0.3061



53.1362, 0.3053, 0.3086



11.6329, 0.2982, 0.3078



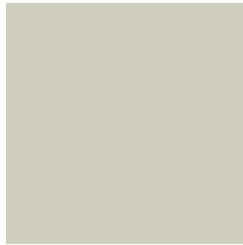
3.3145, 0.1525, 0.0689



0.2603, 0.1590, 0.0925

Previews

White Background



This preview shows how the Yxy color 60.6457, 0.3250, 0.3467 looks on a white background.

Color Contrast Check

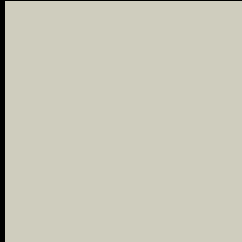
Large Text (above 18pt) WCAG AA × Fail

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 60.6457, 0.3250, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

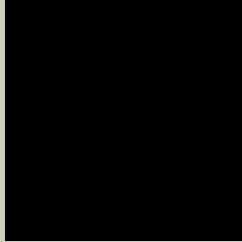
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

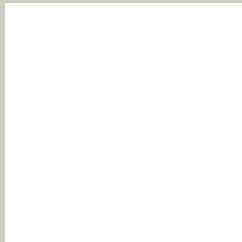
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6457, 0.3250, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 60.6457, 0.3250, 0.3467.



This preview shows how white text looks on a background with the Yxy color 60.6457, 0.3250, 0.3467.

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

60.6457, 0.3250, 0.3467

Protanopia

60.8569, 0.3299, 0.3465

Deuteranopia

60.3963, 0.3424, 0.3347



Tritanopia

60.6319, 0.3090, 0.3108

Trichromacy



Original Color

60.6457, 0.3250, 0.3467

Protanomaly

60.5615, 0.3283, 0.3466

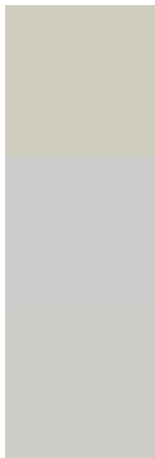
Deuteranomaly

60.4423, 0.3362, 0.3393

Tritanomaly

60.4477, 0.3153, 0.3232

Monochromacy



Original Color

60.6457, 0.3250, 0.3467

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2884, 0.3171, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6457, 0.3250, 0.3467 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(207, 205, 190)` looks like.

```
.text, #text, p{  
    color:rgb(207, 205, 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(207, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 205, 190) }
```

Border

The CSS property to change the border of an element to Yxy 60.6457, 0.3250, 0.3467 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(207, 205, 190) }
```

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

```
.border{ border-color:rgb(207, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(207, 205,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6457, 0.3250, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 205, 190) }
```

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

```
.background{ background-color: rgb(207,  
205, 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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