

Converting Colors

Yxy(61.0820, 0.3274, 0.3466)

Have a look what the booklet for
Yxy(61.0820, 0.3274, 0.3466)
contains.

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Color

Yxy(61.0820, 0.3274, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	D2CDBE
RGB	210, 205, 190
RGB Percent	82%, 80%, 75%
CMY	0.1765, 0.1960, 0.2550
CMYK	0.00, 0.02, 0.10, 0.18
HSL	45°, 18%, 78%
HSV	45°, 10%, 82%
XYZ	57.6983, 61.0820, 57.4516
YIQ	204.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

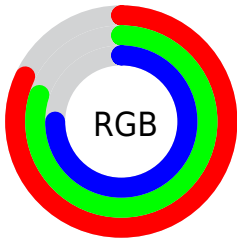
Format	Color
RYB	197, 210, 190
Decimal	13815230
CIELab	82.42, -0.87, 8.08
CIElCh	82, 8.128, 96.176
Yxy	61.0820, 0.3274, 0.3466
Android (android.graphics.Color)	4292005310 (0xFFD2CDBE)
YUV	204.7850, -7.2890, 4.5736
Hunter-Lab	78.1550, -4.9926, 11.1245

Details

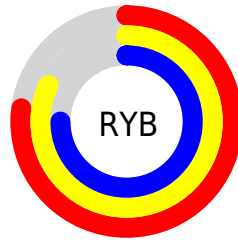
The Yxy color **61.0820, 0.3274, 0.3466** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6050, 0.2980, 0.3108**, and the grayscale version is **60.9494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **30.9079, 0.3303, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **57.7764, 0.3441, 0.3658**, and if you desaturate by 10%, it is **64.6085, 0.3120, 0.3281**.

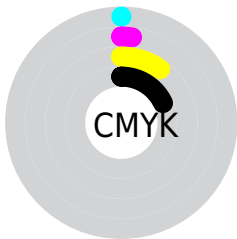
Distribution



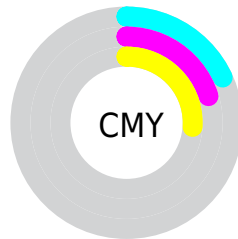
- Red (82%)
- Green (80%)
- Blue (75%)



- Red (77%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0820, 0.3274, 0.3466 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 61.0820, 0.3274, 0.3466 by changing the saturation by 10% instead.

■ 61.0820, 0.3274,
0.3466

■ 61.0820, 0.3274,
0.3466

■ 428.5746, 0.3204,
0.3382

■ 44.2913, 0.3291,
0.3486

■ 106.3977, 0.3249,
0.3436

■ 30.8996, 0.3311,
0.3511

■ 135.6915, 0.3240,
0.3425

■ 20.5224, 0.3338,
0.3543

■ 169.9217, 0.3232,
0.3415

■ 12.7754, 0.3374,
0.3587

■ 209.4729, 0.3225,
0.3407

■ 7.2740, 0.3424,
0.3649

■ 254.7294, 0.3218,
0.3399

■ 3.6341, 0.3500,
0.3742

■ 306.0756, 0.3213,

■ 1.4710, 0.3628,

0.3393

0.3900

363.8959, 0.3208,
0.3387

■ 0.2682, 0.4655,
0.5345

■ 0.0000, 0.0000,
0.0000

■ 61.0820, 0.3274,
0.3466

■ 61.0820, 0.3274,
0.3466

■ 57.7764, 0.3441,
0.3658

■ 64.6085, 0.3120,
0.3281

■ 54.6773, 0.3619,
0.3854

■ 68.3539, 0.2980,
0.3107

■ 51.7805, 0.3804,
0.4047

■ 72.3267, 0.2853,
0.2945

■ 49.0786, 0.3992,
0.4228

■ 75.2495, 0.2844,
0.2982

46.5637, 0.4176,
0.4388

78.1290, 0.2847,
0.3038

44.2269, 0.4347,
0.4515

81.0955, 0.2850,
0.3094

42.0584, 0.4497,
0.4602

84.1499, 0.2853,
0.3149

40.0465, 0.4619,
0.4641

87.2928, 0.2856,
0.3204

38.1718, 0.4714,
0.4636

90.5250, 0.2859,
0.3258

Harmonies

Analogous

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



61.0820, 0.3326, 0.3419



61.0820, 0.3274, 0.3466



61.0820, 0.3183, 0.3465

Triad

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



61.0820, 0.3274, 0.3466



61.0820, 0.2935, 0.3235



61.0820, 0.3174, 0.3170

Complementary

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



61.0820, 0.3274, 0.3466



54.6050, 0.2980, 0.3108

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.



61.0820, 0.3069, 0.3122



61.0820, 0.3274, 0.3466



61.0820, 0.2932, 0.3158

Square

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



61.0820, 0.3274, 0.3466



61.0820, 0.2988, 0.3330



61.0820, 0.2981, 0.3117



61.0820, 0.3268, 0.3249

Rectangle

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



61.0820, 0.3274, 0.3466



61.0820, 0.3113, 0.3437



61.0820, 0.2981, 0.3117



61.0820, 0.3139, 0.3150

Sweetspot

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



61.0847, 0.3274, 0.3466



98.3101, 0.3173, 0.3345



54.4566, 0.3254, 0.3231



20.9469, 0.3185, 0.3360



0.0000, 0.0000, 0.0000



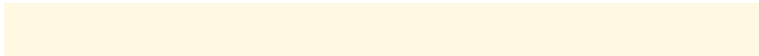
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0847, 0.3274, 0.3466



93.9562, 0.3300, 0.3496



62.7786, 0.3229, 0.3525



13.2792, 0.3272, 0.3464



23.4017, 0.4709, 0.4643



1.4297, 0.4595, 0.4734

Inverse Universe

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



54.6050, 0.2980, 0.3108



82.3432, 0.2954, 0.3075



53.0699, 0.3019, 0.3049



11.8882, 0.2982, 0.3110



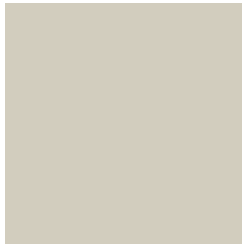
4.4818, 0.1582, 0.0896



0.3788, 0.1683, 0.1258

Previews

White Background



This preview shows how the Yxy color 61.0820, 0.3274, 0.3466 looks on a white background.

Color Contrast Check

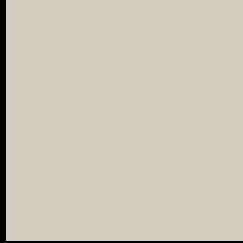
Large Text (above 18pt) WCAG AA × Fail

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 61.0820, 0.3274, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

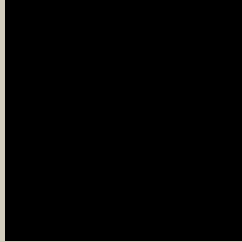
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

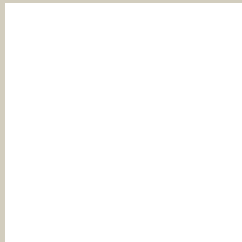
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0820, 0.3274, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 61.0820, 0.3274, 0.3466.

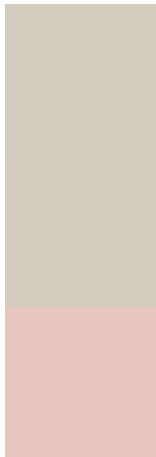


This preview shows how white text looks on a background with the Yxy color 61.0820, 0.3274, 0.3466.

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

61.0820, 0.3274, 0.3466

Protanopia

60.9005, 0.3291, 0.3453

Deuteranopia

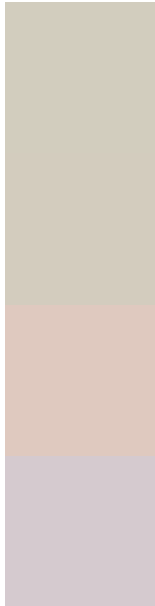
60.9727, 0.3439, 0.3369



Tritanopia

61.0792, 0.3113, 0.3109

Trichromacy



Original Color

61.0820, 0.3274, 0.3466

Protanomaly

60.7523, 0.3283, 0.3454

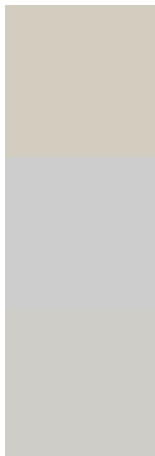
Deuteranomaly

61.2229, 0.3376, 0.3404

Tritanomaly

60.8922, 0.3176, 0.3233

Monochromacy



Original Color

61.0820, 0.3274, 0.3466

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0982, 0.3178, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0820, 0.3274, 0.3466 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(210, 205, 190)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 205, 190) }
```

Border

The CSS property to change the border of an element to Yxy 61.0820, 0.3274, 0.3466 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(210, 205, 190) }
```

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

```
.border{ border-color:rgb(210, 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(210, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(210, 205,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0820, 0.3274, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 205, 190) }
```

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

```
.background{ background-color: rgb(210,  
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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