

Converting Colors

$Yxy(46.1054, 0.3308, 0.3661)$

Have a look what the booklet for
Yxy(46.1054, 0.3308, 0.3661)
contains.

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Color

Yxy(46.2650, 0.3307, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	B3B89C
RGB	179, 184, 156
RGB Percent	70%, 72%, 61%
CMY	0.2982, 0.2784, 0.3883
CMYK	0.03, 0.00, 0.15, 0.28
HSL	71°, 16%, 67%
HSV	71°, 15%, 72%
XYZ	41.7230, 46.2650, 38.1778
YIQ	179.3130, 6.0080, -9.7680

Conversions

Conversions Part 2

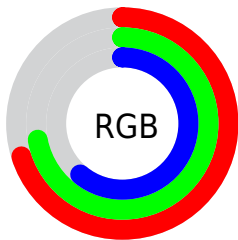
Format	Color
RYB	156, 184, 161
Decimal	11778204
CIELab	73.72, -6.71, 13.65
CIELCh	74, 15.215, 116.180
Yxy	46.2650, 0.3307, 0.3667
Android (android.graphics.Color)	4289968284 (0xFFB3B89C)
YUV	179.3130, -11.4933, -0.2745
Hunter-Lab	68.0184, -9.5388, 14.3342

Details

The Yxy color $46.2650, 0.3307, 0.3667$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $34.8170, 0.2930, 0.2895$, and the grayscale version is $45.3123, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.6855, 0.3273, 0.3592$, and $21.6881, 0.3352, 0.3772$ is the 20% darker color. If you saturate the color by 10%, you get $45.2990, 0.3426, 0.3926$, and if you desaturate by 10%, it is $47.3391, 0.3188, 0.3416$.

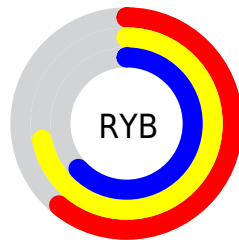
Distribution



Red (70%)

Green (72%)

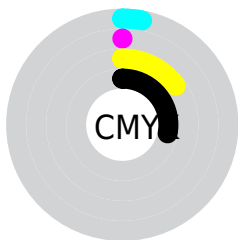
Blue (61%)



Red (61%)

Yellow (72%)

Blue (63%)

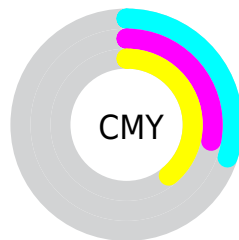


Cyan (3%)

Magenta (0%)

Yellow (15%)

Black (28%)



Cyan (30%)


Magenta (28%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2650, 0.3307, 0.3667 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 46.2650, 0.3307, 0.3667 by changing the saturation by 10% instead.

 46.2650, 0.3307,
0.3667

 46.2650, 0.3307,
0.3667

371.8730, 0.3218,
0.3476

 32.4550, 0.3329,
0.3716


 84.6155, 0.3275,
0.3597

 21.7093, 0.3356,
0.3779


 109.9247, 0.3263,
0.3571

 13.6434, 0.3392,
0.3863


139.8358, 0.3253,
0.3549

 7.8731, 0.3441,
0.3983

174.7331, 0.3244,
0.3530

 4.0138, 0.3510,
0.4164

215.0011, 0.3236,
0.3514

 1.6813, 0.3636,
0.4496

261.0242, 0.3230,

 0.4115, 0.3558,

0.3499

0.6442

313.1867, 0.3224,
0.3487

■ 0.0000, 0.0000,
0.0000

■ 46.2650, 0.3307,
0.3667

■ 46.2650, 0.3307,
0.3667

■ 45.2990, 0.3426,
0.3926

■ 47.3391, 0.3188,
0.3416

■ 44.4306, 0.3541,
0.4187

■ 48.5192, 0.3073,
0.3179

■ 43.6573, 0.3646,
0.4442

■ 49.8111, 0.2962,
0.2957

■ 42.9740, 0.3738,
0.4678

■ 51.2185, 0.2858,
0.2753

■ 42.3752, 0.3811,
0.4888

■ 52.7448, 0.2761,
0.2567

■ 41.8548, 0.3860,
0.5060

■ 53.6370, 0.2741,
0.2504

■ 41.4055, 0.3884,
0.5188

■ 54.0964, 0.2765,
0.2509

■ 41.0185, 0.3883,
0.5272

■ 54.5658, 0.2789,
0.2514

■ 40.8469, 0.3878,
0.5303

■ 55.0452, 0.2813,
0.2519

Harmonies

Analogous

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



46.2650, 0.3475, 0.3628



46.2650, 0.3307, 0.3667



46.2650, 0.3095, 0.3597

Triad

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



46.2650, 0.3307, 0.3667



46.2650, 0.2722, 0.3060



46.2650, 0.3358, 0.3147

Complementary

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



46.2650, 0.3307, 0.3667



34.8170, 0.2930, 0.2895

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.



46.2650, 0.3149, 0.3008



46.2650, 0.3307, 0.3667



46.2650, 0.2786, 0.2954

Square

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



46.2650, 0.3307, 0.3667



46.2650, 0.2761, 0.3236



46.2650, 0.2940, 0.2938



46.2650, 0.3507, 0.3325

Rectangle

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



46.2650, 0.3307, 0.3667



46.2650, 0.2957, 0.3497



46.2650, 0.2940, 0.2938



46.2650, 0.3292, 0.3095

Sweetspot

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



46.2670, 0.3307, 0.3667



85.8261, 0.3186, 0.3413



37.9637, 0.3398, 0.3355



18.4717, 0.3195, 0.3430



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



46.2670, 0.3307, 0.3667



83.2947, 0.3344, 0.3746



44.7236, 0.3188, 0.3681



10.4191, 0.3237, 0.3518



28.1731, 0.3882, 0.5300



1.0148, 0.3967, 0.5232

Inverse Universe

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



34.8170, 0.2930, 0.2895



58.8902, 0.2886, 0.2807



36.3110, 0.3056, 0.2909



8.7954, 0.3012, 0.3056



2.6333, 0.1591, 0.0650



0.1168, 0.1824, 0.0778

Previews

White Background



This preview shows how the Yxy color 46.2650, 0.3307, 0.3667 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 46.2650, 0.3307, 0.3667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

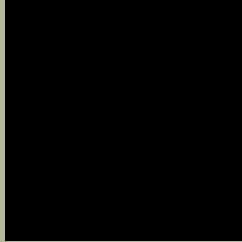
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

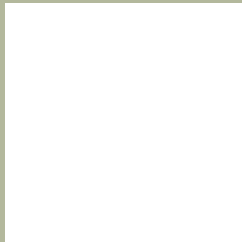
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2650, 0.3307, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 46.2650, 0.3307, 0.3667.



This preview shows how white text looks on a background with the Yxy color 46.2650, 0.3307, 0.3667.

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

46.2650, 0.3307, 0.3667

Protanopia

46.3280, 0.3429, 0.3644

Deuteranopia

46.0061, 0.3569, 0.3491



Tritanopia

46.2808, 0.3059, 0.3111

Trichromacy



Original Color

46.2650, 0.3307, 0.3667

Protanomaly

46.2616, 0.3382, 0.3647

Deuteranomaly

46.1454, 0.3474, 0.3560

Tritanomaly

46.2881, 0.3144, 0.3303

Monochromacy



Original Color

46.2650, 0.3307, 0.3667

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.5717, 0.3190, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2650, 0.3307, 0.3667 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(179, 184, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 184, 156)  
}
```

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(179, 184, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 184, 156) }
```

Border

The CSS property to change the border of an element to Yxy 46.2650, 0.3307, 0.3667 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(179, 184, 156) }
```

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

```
.border{ border-color:rgb(179, 184, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 184, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 184, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 184, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 184,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2650, 0.3307, 0.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 184, 156) }
```

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

```
.background{ background-color: rgb(179,  
184, 156) }
```

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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