

Converting Colors

$Yxy(46.6170, 0.3224, 0.3528)$

Have a look what the booklet for
Yxy(46.6170, 0.3224, 0.3528)
contains.

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Color

Yxy(46.6179, 0.3227, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	B3B8A6
RGB	179, 184, 166
RGB Percent	70%, 72%, 65%
CMY	0.2980, 0.2784, 0.3490
CMYK	0.03, 0.00, 0.10, 0.28
HSL	77°, 11%, 69%
HSV	77°, 10%, 72%
XYZ	42.6164, 46.6179, 42.8277
YIQ	180.4530, 2.7980, -6.6580

Conversions

Conversions Part 2

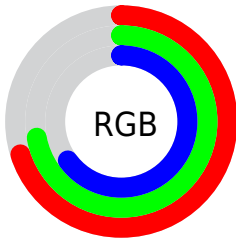
Format	Color
RYB	166, 184, 171
Decimal	11778214
CIELab	73.94, -5.00, 8.54
CIELCh	74, 9.895, 120.355
Yxy	46.6179, 0.3227, 0.3530
Android (android.graphics.Color)	4289968294 (0xFFB3B8A6)
YUV	180.4530, -7.1253, -1.2743
Hunter-Lab	68.2773, -8.0715, 10.6038

Details

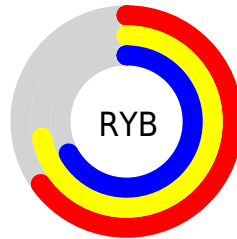
The Yxy color $46.6179, 0.3227, 0.3530$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $39.3892, 0.3021, 0.3045$, and the grayscale version is $45.9381, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.2028, 0.3211, 0.3486$, and $21.8831, 0.3253, 0.3603$ is the 20% darker color. If you saturate the color by 10%, you get $45.3963, 0.3330, 0.3789$, and if you desaturate by 10%, it is $47.9626, 0.3125, 0.3285$.

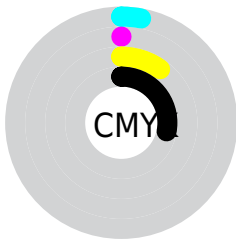
Distribution



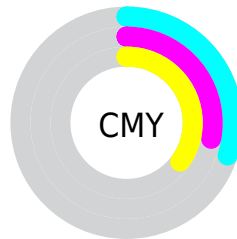
- Red (70%)
- Green (72%)
- Blue (65%)



- Red (65%)
- Yellow (72%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)





- Cyan (30%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6179, 0.3227, 0.3530 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 46.6179, 0.3227, 0.3530 by changing the saturation by 10% instead.


 46.6179, 0.3227,
0.3530

 46.6179, 0.3227,
0.3530


373.2873, 0.3178,
0.3409

 32.7337, 0.3239,
0.3561


 85.1430, 0.3209,
0.3486

 21.9225, 0.3255,
0.3600


 110.5527, 0.3203,
0.3469

 13.8000, 0.3275,
0.3654


140.5729, 0.3197,
0.3455

 7.9817, 0.3303,
0.3729

175.5882, 0.3192,
0.3443

 4.0832, 0.3344,
0.3843

215.9829, 0.3188,
0.3433

 1.7202, 0.3408,
0.4037

262.1414, 0.3184,

 0.4367, 0.4015,

0.3424

0.5985

314.4480, 0.3181,
0.3416

0.0000, 0.0000,
0.0000

46.6179, 0.3227,
0.3530

46.6179, 0.3227,
0.3530

45.3963, 0.3330,
0.3789

47.9626, 0.3125,
0.3285

44.2874, 0.3431,
0.4058

49.4284, 0.3026,
0.3057

43.2885, 0.3525,
0.4328

51.0212, 0.2932,
0.2847

42.3949, 0.3607,
0.4590

52.7447, 0.2844,
0.2657

41.6009, 0.3674,
0.4834

54.4076, 0.2781,
0.2512

■ 40.9007, 0.3719,
0.5047

■ 55.1416, 0.2818,
0.2520

■ 40.2873, 0.3740,
0.5220

■ 55.8994, 0.2855,
0.2528

■ 39.7530, 0.3737,
0.5347

■ 56.6811, 0.2893,
0.2537

■ 39.2821, 0.3712,
0.5433

■ 57.4871, 0.2930,
0.2545

Harmonies

Analogous

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



46.6179, 0.3341, 0.3517



46.6179, 0.3227, 0.3530



46.6179, 0.3088, 0.3475

Triad

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



46.6179, 0.3227, 0.3530



46.6179, 0.2863, 0.3130



46.6179, 0.3293, 0.3213

Complementary

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



46.6179, 0.3227, 0.3530



39.3892, 0.3021, 0.3045

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.



46.6179, 0.3162, 0.3115



46.6179, 0.3227, 0.3530



46.6179, 0.2915, 0.3066

Square

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



46.6179, 0.3227, 0.3530



46.6179, 0.2880, 0.3240



46.6179, 0.3024, 0.3061



46.6179, 0.3380, 0.3332

Rectangle

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



46.6179, 0.3227, 0.3530



46.6179, 0.3000, 0.3407



46.6179, 0.3024, 0.3061



46.6179, 0.3253, 0.3176

Sweetspot

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



46.6199, 0.3227, 0.3530



86.1257, 0.3158, 0.3363



41.9939, 0.3289, 0.3355



18.5242, 0.3166, 0.3383



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.



46.6199, 0.3227, 0.3530



83.9553, 0.3252, 0.3592



45.6026, 0.3151, 0.3536



10.3750, 0.3222, 0.3519



27.1027, 0.3718, 0.5430



0.9846, 0.3846, 0.5328

Inverse Universe

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



39.3892, 0.3021, 0.3045



67.8747, 0.2992, 0.2980



40.4125, 0.3100, 0.3051



8.8366, 0.3026, 0.3057



2.9001, 0.1685, 0.0702



0.1342, 0.1979, 0.0864

Previews

White Background



This preview shows how the Yxy color 46.6179, 0.3227, 0.3530 looks on a white background.

Color Contrast Check

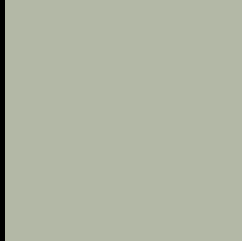
Large Text (above 18pt) WCAG AA × Fail

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 46.6179, 0.3227, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

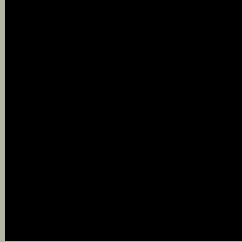
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

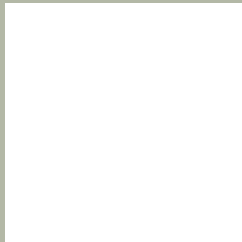
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.6179, 0.3227, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 46.6179, 0.3227, 0.3530.



This preview shows how white text looks on a background with the Yxy color 46.6179, 0.3227, 0.3530.

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

46.6179, 0.3227, 0.3530

Protanopia

46.5469, 0.3336, 0.3512

Deuteranopia

46.3245, 0.3450, 0.3378



Tritanopia

46.6048, 0.3043, 0.3111

Trichromacy



Original Color

46.6179, 0.3227, 0.3530

Protanomaly

46.4868, 0.3290, 0.3514

Deuteranomaly

46.2329, 0.3370, 0.3432

Tritanomaly

46.4535, 0.3112, 0.3251

Monochromacy



Original Color

46.6179, 0.3227, 0.3530

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.8462, 0.3166, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6179, 0.3227, 0.3530 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(179, 184, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 184, 166) }
```

Border

The CSS property to change the border of an element to Yxy 46.6179, 0.3227, 0.3530 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, 166) }
```

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

```
.border{ border-color:rgb(179, 184, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 184, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 184, 166);  
box-shadow:4px 4px 4px 4px rgb(179, 184,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6179, 0.3227, 0.3530 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, 166) }
```

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

```
.background{ background-color: rgb(179,  
184, 166) }
```

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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