

Converting Colors

$Yxy(46.1171, 0.2891, 0.3105)$

Have a look what the booklet for
Yxy(46.1171, 0.2891, 0.3105)
contains.

Yxy(46.1137, 0.2892, 0.3105)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.1137, 0.2892, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	A7B7C5
RGB	167, 183, 197
RGB Percent	65%, 72%, 77%
CMY	0.3450, 0.2824, 0.2275
CMYK	0.15, 0.07, 0.00, 0.23
HSL	208°, 21%, 71%
HSV	208°, 15%, 77%
XYZ	42.9503, 46.1137, 59.4503
YIQ	179.8120, -14.0300, 0.9620

Conversions

Conversions Part 2

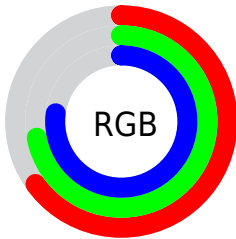
Format	Color
R_{YB}	167, 177, 197
Decimal	10991557
CIE _{Lab}	73.62, -2.60, -8.95
CIE _{LCh}	74, 9.320, 253.797
Yxy	46.1137, 0.2892, 0.3105
Android (android.graphics.Color)	4289181637 (0xFFA7B7C5)
YUV	179.8120, 8.4737, -11.2361
Hunter-Lab	67.9071, -5.9384, -4.3714

Details

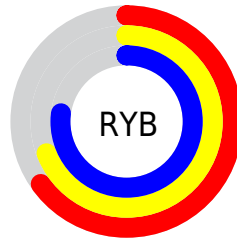
The Yxy color **46.1137, 0.2892, 0.3105** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7121, 0.3382, 0.3468**, and the grayscale version is **45.4978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4184, 0.2930, 0.3136**, and **21.5933, 0.2830, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **40.4601, 0.2732, 0.2967**, and if you desaturate by 10%, it is **52.3458, 0.3048, 0.3230**.

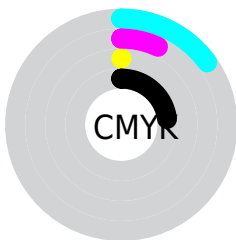
Distribution



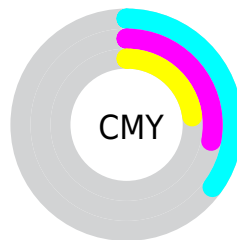
- Red (65%)
- Green (72%)
- Blue (77%)



- Red (65%)
- Yellow (69%)
- Blue (77%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (35%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1137, 0.2892, 0.3105 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 46.1137, 0.2892, 0.3105 by changing the saturation by 10% instead.

■ 46.1137, 0.2892,
0.3105

■ 46.1137, 0.2892,
0.3105

■ 371.2656, 0.3009,
0.3198

■ 32.3356, 0.2863,
0.3082

■ 84.3891, 0.2934,
0.3139

■ 21.6179, 0.2826,
0.3052

■ 109.6552, 0.2950,
0.3152

■ 13.5764, 0.2776,
0.3011

■ 139.5194, 0.2964,
0.3162

■ 7.8267, 0.2708,
0.2955

■ 174.3661, 0.2976,
0.3172

■ 3.9842, 0.2606,
0.2871

■ 214.5796, 0.2986,
0.3179

■ 1.6647, 0.2441,
0.2731

■ 260.5445, 0.2994,

■ 0.4007, 0.1779,

0.3186

0.2247

312.6450, 0.3002,
0.3193

0.0000, 0.0000,
0.0000

46.1137, 0.2892,
0.3105

46.1137, 0.2892,
0.3105

40.4601, 0.2732,
0.2967

52.3458, 0.3048,
0.3230

35.3598, 0.2572,
0.2815

59.1691, 0.3198,
0.3342

30.7941, 0.2415,
0.2652

66.6029, 0.3342,
0.3441

26.7407, 0.2265,
0.2479

74.6638, 0.3477,
0.3529

23.1755, 0.2128,
0.2300

81.3178, 0.3526,
0.3615

■ 20.0716, 0.2008,
0.2118

■ 86.5419, 0.3507,
0.3703

■ 17.3987, 0.1908,
0.1937

■ 92.0396, 0.3487,
0.3790

■ 15.1208, 0.1832,
0.1764

■ 96.8105, 0.3472,
0.3860

■ 14.1385, 0.1801,
0.1683

Harmonies

Analogous

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



46.1137, 0.2878, 0.3192



46.1137, 0.2892, 0.3105



46.1137, 0.2967, 0.3069

Triad

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



46.1137, 0.2892, 0.3105



46.1137, 0.3328, 0.3267



46.1137, 0.3164, 0.3501

Complementary

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



46.1137, 0.2892, 0.3105



47.7121, 0.3382, 0.3468

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.



46.1137, 0.3286, 0.3518



46.1137, 0.2892, 0.3105



46.1137, 0.3383, 0.3379

Square

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



46.1137, 0.2892, 0.3105



46.1137, 0.3219, 0.3162



46.1137, 0.3367, 0.3472



46.1137, 0.3033, 0.3424

Rectangle

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



46.1137, 0.2892, 0.3105



46.1137, 0.3044, 0.3077



46.1137, 0.3367, 0.3472



46.1137, 0.3207, 0.3514

Sweetspot

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



46.1156, 0.2892, 0.3105



93.9224, 0.3050, 0.3232



51.4804, 0.3009, 0.3501



19.9252, 0.3039, 0.3223



0.0000, 0.0000, 0.0000



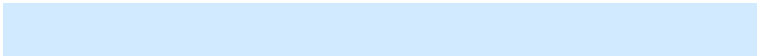
21.4041, 0.3127, 0.3290

Same Dimension

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



46.1156, 0.2892, 0.3105



79.3921, 0.2843, 0.3064



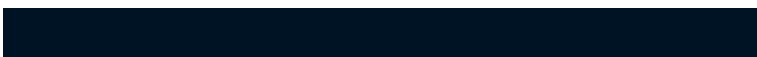
40.2638, 0.2884, 0.2902



11.2081, 0.2983, 0.3179



9.4697, 0.1807, 0.1705



0.5924, 0.1907, 0.2064

Inverse Universe

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



42.9345, 0.3265, 0.3088



72.8260, 0.3298, 0.3046



54.1327, 0.3354, 0.3651



10.7299, 0.3208, 0.3167



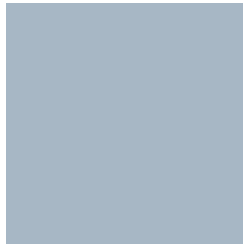
8.4960, 0.4801, 0.2418



0.4168, 0.4381, 0.2187

Previews

White Background



This preview shows how the Yxy color 46.1137, 0.2892, 0.3105 looks on a white background.

Color Contrast Check

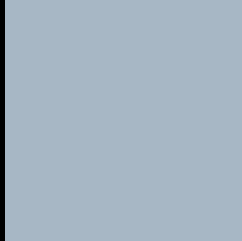
Large Text (above 18pt) WCAG AA × Fail

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 46.1137, 0.2892, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

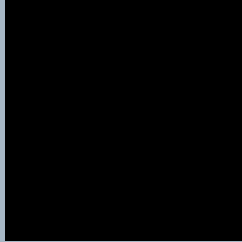
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

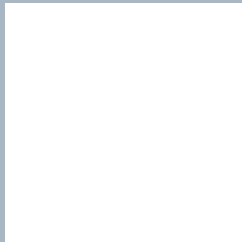
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1137, 0.2892, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 46.1137, 0.2892, 0.3105.



This preview shows how white text looks on a background with the Yxy color 46.1137, 0.2892, 0.3105.

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

46.1137, 0.2892, 0.3105

Protanopia

45.8836, 0.3010, 0.3084

Deuteranopia

46.0750, 0.3071, 0.3014



Tritanopia

46.1137, 0.2892, 0.3105

Trichromacy



Original Color

46.1137, 0.2892, 0.3105

Protanomaly

45.7420, 0.2962, 0.3081

Deuteranomaly

46.2625, 0.3004, 0.3047

Tritanomaly

46.1137, 0.2892, 0.3105

Monochromacy



Original Color

46.1137, 0.2892, 0.3105

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.7069, 0.3038, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1137, 0.2892, 0.3105 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(167, 183, 197)` looks like.

```
.text, #text, p{  
    color:rgb(167, 183, 197)  
}
```

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(167, 183, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 183, 197) }
```

Border

The CSS property to change the border of an element to Yxy 46.1137, 0.2892, 0.3105 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(167, 183, 197) }
```

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

```
.border{ border-color:rgb(167, 183, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 183, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 183, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 183, 197);  
box-shadow:4px 4px 4px 4px rgb(167, 183,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1137, 0.2892, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 183, 197) }
```

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

```
.background{ background-color: rgb(167,  
183, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor