

Converting Colors

$Yxy(46.0223, 0.2897, 0.3155)$

Have a look what the booklet for
Yxy(46.0223, 0.2897, 0.3155)
contains.

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Color

Yxy(46.1754, 0.2898, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	A5B8C2
RGB	165, 184, 194
RGB Percent	65%, 72%, 76%
CMY	0.3529, 0.2784, 0.2391
CMYK	0.15, 0.05, 0.00, 0.24
HSL	201°, 19%, 70%
HSV	201°, 15%, 76%
XYZ	42.4006, 46.1754, 57.7339
YIQ	179.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

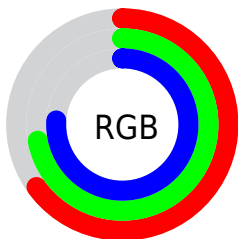
Format	Color
R _Y B	165, 176, 194
Decimal	10860738
CIE Lab	73.66, -4.42, -7.29
CIE LCh	74, 8.526, 238.798
Yxy	46.1754, 0.2898, 0.3156
Android (android.graphics.Color)	4289050818 (0xFFA5B8C2)
YUV	179.4590, 7.1687, -12.6805
Hunter-Lab	67.9525, -7.5374, -2.8073

Details

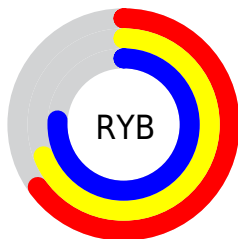
The Yxy color **46.1754, 0.2898, 0.3156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8717, 0.3384, 0.3420**, and the grayscale version is **45.3071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4379, 0.2941, 0.3186**, and **21.6368, 0.2839, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **41.5294, 0.2744, 0.3055**, and if you desaturate by 10%, it is **51.2732, 0.3052, 0.3248**.

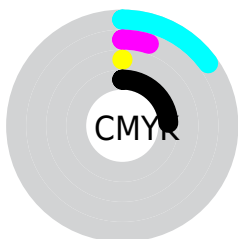
Distribution



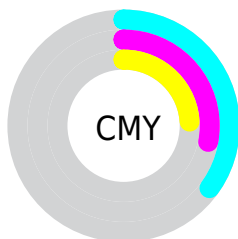
- Red (65%)
- Green (72%)
- Blue (76%)



- Red (65%)
- Yellow (69%)
- Blue (76%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (35%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1754, 0.2898, 0.3156 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 46.1754, 0.2898, 0.3156 by changing the saturation by 10% instead.

■ 46.1754, 0.2898,
0.3156

■ 46.1754, 0.2898,
0.3156

371.5134, 0.3012,
0.3224

■ 32.3843, 0.2870,
0.3139

■ 84.4814, 0.2939,
0.3181

■ 21.6552, 0.2833,
0.3117

■ 109.7651, 0.2955,
0.3190

■ 13.6037, 0.2785,
0.3087

139.6484, 0.2968,
0.3198

■ 7.8456, 0.2719,
0.3045

174.5158, 0.2979,
0.3205

■ 3.9963, 0.2620,
0.2981

214.7516, 0.2989,
0.3210

■ 1.6715, 0.2458,
0.2874

260.7401, 0.2998,

■ 0.4051, 0.1697,

0.3215

0.2480

312.8660, 0.3005,
0.3220

0.0000, 0.0000,
0.0000

46.1754, 0.2898,
0.3156

46.1754, 0.2898,
0.3156

41.5294, 0.2744,
0.3055

51.2732, 0.3052,
0.3248

37.3135, 0.2593,
0.2945

56.8320, 0.3203,
0.3331

33.5124, 0.2449,
0.2827

62.8681, 0.3350,
0.3404

30.1077, 0.2315,
0.2702

69.3950, 0.3492,
0.3470

27.0792, 0.2195,
0.2573

75.0669, 0.3573,
0.3532

■ 24.4043, 0.2092,
0.2441

■ 78.6090, 0.3557,
0.3598

■ 22.0572, 0.2009,
0.2308

■ 82.2935, 0.3542,
0.3664

■ 20.0069, 0.1947,
0.2178

■ 86.1220, 0.3527,
0.3729

■ 19.0543, 0.1920,
0.2113

■ 90.0962, 0.3512,
0.3792

Harmonies

Analogous

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



46.1754, 0.2916, 0.3253



46.1754, 0.2898, 0.3156



46.1754, 0.2940, 0.3098

Triad

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



46.1754, 0.2898, 0.3156



46.1754, 0.3266, 0.3218



46.1754, 0.3220, 0.3498

Complementary

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



46.1754, 0.2898, 0.3156



44.8717, 0.3384, 0.3420

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.



46.1754, 0.3316, 0.3484



46.1754, 0.2898, 0.3156



46.1754, 0.3343, 0.3321

Square

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



46.1754, 0.2898, 0.3156



46.1754, 0.3151, 0.3135



46.1754, 0.3362, 0.3418



46.1754, 0.3100, 0.3453

Rectangle

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



46.1754, 0.2898, 0.3156



46.1754, 0.2997, 0.3087



46.1754, 0.3362, 0.3418



46.1754, 0.3256, 0.3500

Sweetspot

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



46.1773, 0.2898, 0.3156



93.7214, 0.3065, 0.3256



49.6814, 0.3039, 0.3550



20.3614, 0.3054, 0.3249



0.0000, 0.0000, 0.0000



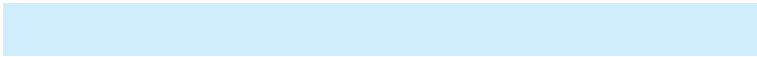
21.4041, 0.3127, 0.3290

Same Dimension

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



46.1773, 0.2898, 0.3156



80.7374, 0.2847, 0.3123



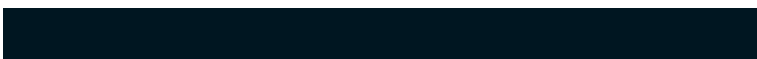
40.5931, 0.2891, 0.2963



10.8229, 0.2984, 0.3208



12.6813, 0.1925, 0.2130



0.6725, 0.2005, 0.2419

Inverse Universe

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



41.8514, 0.3231, 0.3048



71.5084, 0.3258, 0.2992



50.6698, 0.3357, 0.3597



10.1864, 0.3189, 0.3141



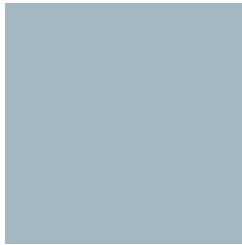
8.5624, 0.4308, 0.2147



0.3825, 0.4004, 0.1979

Previews

White Background



This preview shows how the Yxy color 46.1754, 0.2898, 0.3156 looks on a white background.

Color Contrast Check

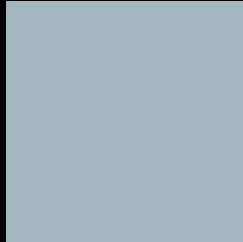
Large Text (above 18pt) WCAG AA × Fail

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 46.1754, 0.2898, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

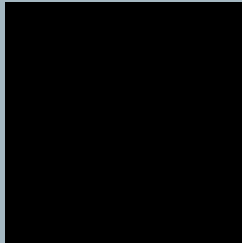
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

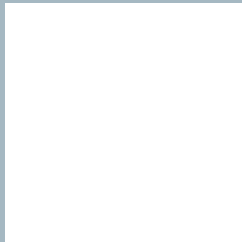
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1754, 0.2898, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 46.1754, 0.2898, 0.3156.

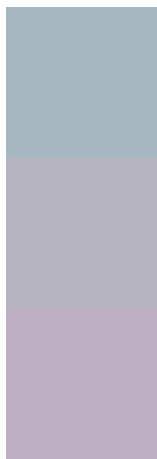


This preview shows how white text looks on a background with the Yxy color 46.1754, 0.2898, 0.3156.

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

46.1754, 0.2898, 0.3156

Protanopia

46.2279, 0.3049, 0.3148

Deuteranopia

46.1126, 0.3096, 0.3039



Tritanopia

46.0512, 0.2877, 0.3092

Trichromacy



Original Color

46.1754, 0.2898, 0.3156

Protanomaly

45.9675, 0.2992, 0.3146

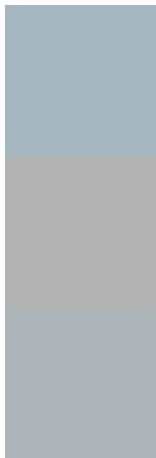
Deuteranomaly

46.1254, 0.3027, 0.3085

Tritanomaly

46.0052, 0.2884, 0.3104

Monochromacy



Original Color

46.1754, 0.2898, 0.3156

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.5071, 0.3045, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1754, 0.2898, 0.3156 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(165, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(165, 184, 194)  
}
```

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(165, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 184, 194) }
```

Border

The CSS property to change the border of an element to Yxy 46.1754, 0.2898, 0.3156 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(165, 184, 194) }
```

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

```
.border{ border-color:rgb(165, 184, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 184, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(165, 184,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1754, 0.2898, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 184, 194) }
```

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

```
.background{ background-color: rgb(165,  
184, 194) }
```

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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