

Converting Colors

$Y_{xy}(46.6225, 0.2921, 0.3139)$

Have a look what the booklet for
Yxy(46.6225, 0.2921, 0.3139)
contains.

Yxy(46.6561, 0.2922, 0.3145)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(46.6561, 0.2922, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	A9B8C3
RGB	169, 184, 195
RGB Percent	66%, 72%, 76%
CMY	0.3374, 0.2784, 0.2353
CMYK	0.13, 0.06, 0.00, 0.24
HSL	205°, 18%, 71%
HSV	205°, 13%, 76%
XYZ	43.3479, 46.6561, 58.3461
YIQ	180.7690, -12.4710, 0.2410

Conversions

Conversions Part 2

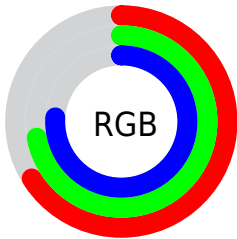
Format	Color
R_{YB}	169, 179, 195
Decimal	11122883
CIE _{Lab}	73.97, -2.93, -7.33
CIE _{LCh}	74, 7.892, 248.213
Yxy	46.6561, 0.2922, 0.3145
Android (android.graphics.Color)	4289312963 (0xFFA9B8C3)
YUV	180.7690, 7.0159, -10.3214
Hunter-Lab	68.3053, -6.2545, -2.8316

Details

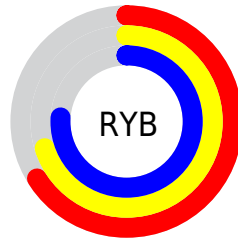
The Yxy color $46.6561, 0.2922, 0.3145$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.0894, 0.3350, 0.3431$, and the grayscale version is $46.0422, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.1957, 0.2954, 0.3167$, and $21.9376, 0.2871, 0.3109$ is the 20% darker color. If you saturate the color by 10%, you get $41.3396, 0.2765, 0.3023$, and if you desaturate by 10%, it is $52.4970, 0.3076, 0.3256$.

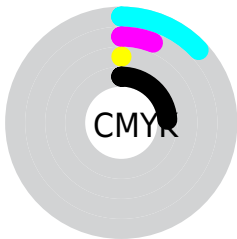
Distribution



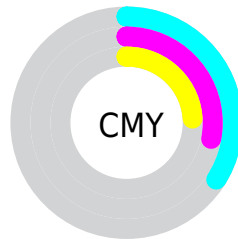
- Red (66%)
- Green (72%)
- Blue (76%)



- Red (66%)
- Yellow (70%)
- Blue (76%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (34%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6561, 0.2922, 0.3145 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 46.6561, 0.2922, 0.3145 by changing the saturation by 10% instead.

■ 46.6561, 0.2922,
0.3145

■ 46.6561, 0.2922,
0.3145

373.4401, 0.3024,
0.3218

■ 32.7639, 0.2897,
0.3127

■ 85.2001, 0.2959,
0.3172

■ 21.9456, 0.2864,
0.3103

■ 110.6206, 0.2973,
0.3182

■ 13.8169, 0.2821,
0.3072

140.6527, 0.2985,
0.3190

■ 7.9935, 0.2762,
0.3027

175.6807, 0.2995,
0.3197

■ 4.0908, 0.2673,
0.2961

216.0890, 0.3004,
0.3203

■ 1.7245, 0.2529,
0.2850

262.2621, 0.3011,

■ 0.4394, 0.1948,

0.3209

0.2473

314.5844, 0.3018,
0.3214

0.0000, 0.0000,
0.0000

46.6561, 0.2922,
0.3145

46.6561, 0.2922,
0.3145

41.3396, 0.2765,
0.3023

52.4970, 0.3076,
0.3256

36.5242, 0.2608,
0.2889

58.8731, 0.3226,
0.3355

32.1931, 0.2454,
0.2744

65.8020, 0.3370,
0.3443

28.3262, 0.2309,
0.2591

73.2988, 0.3506,
0.3520

24.9017, 0.2175,
0.2431

79.1370, 0.3548,
0.3597

■ 21.8954, 0.2058,
0.2267

■ 83.6987, 0.3530,
0.3678

■ 19.2801, 0.1961,
0.2104

■ 88.4779, 0.3512,
0.3756

■ 17.0234, 0.1886,
0.1944

■ 93.4774, 0.3495,
0.3833

■ 15.6827, 0.1845,
0.1840

■ 96.7198, 0.3484,
0.3880

Harmonies

Analogous

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



46.6561, 0.2921, 0.3225



46.6561, 0.2922, 0.3145



46.6561, 0.2977, 0.3105

Triad

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



46.6561, 0.2922, 0.3145



46.6561, 0.3282, 0.3253



46.6561, 0.3179, 0.3474

Complementary

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



46.6561, 0.2922, 0.3145



47.0894, 0.3350, 0.3431

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.



46.6561, 0.3278, 0.3479



46.6561, 0.2922, 0.3145



46.6561, 0.3338, 0.3349

Square

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



46.6561, 0.2922, 0.3145



46.6561, 0.3185, 0.3167



46.6561, 0.3336, 0.3432



46.6561, 0.3068, 0.3418

Rectangle

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



46.6561, 0.2922, 0.3145



46.6561, 0.3038, 0.3105



46.6561, 0.3336, 0.3432



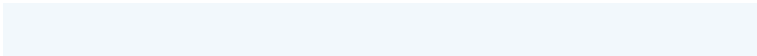
46.6561, 0.3215, 0.3482

Sweetspot

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



46.6580, 0.2922, 0.3145



93.2470, 0.3066, 0.3248



50.7473, 0.3033, 0.3490



20.2384, 0.3054, 0.3240



0.0000, 0.0000, 0.0000



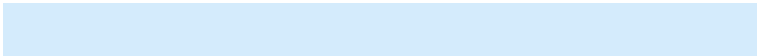
21.4041, 0.3127, 0.3290

Same Dimension

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



46.6580, 0.2922, 0.3145



80.7100, 0.2877, 0.3111



41.5517, 0.2917, 0.2971



10.6930, 0.2984, 0.3190



10.3630, 0.1850, 0.1861



0.5818, 0.1948, 0.2213

Inverse Universe

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



43.4288, 0.3236, 0.3099



73.9170, 0.3263, 0.3056



52.5276, 0.3328, 0.3590



10.1733, 0.3201, 0.3158



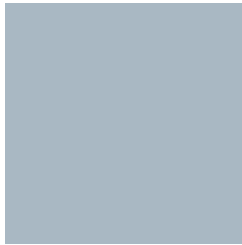
8.3284, 0.4613, 0.2315



0.3734, 0.4219, 0.2098

Previews

White Background



This preview shows how the Yxy color 46.6561, 0.2922, 0.3145 looks on a white background.

Color Contrast Check

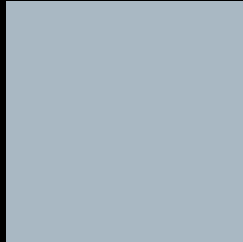
Large Text (above 18pt) WCAG AA × Fail

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 46.6561, 0.2922, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

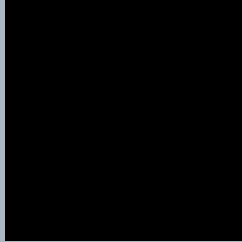
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

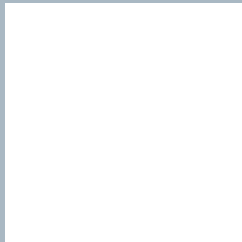
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.6561, 0.2922, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 46.6561, 0.2922, 0.3145.



This preview shows how white text looks on a background with the Yxy color 46.6561, 0.2922, 0.3145.

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

46.6561, 0.2922, 0.3145

Protanopia

46.4379, 0.3042, 0.3123

Deuteranopia

46.2884, 0.3096, 0.3028



Tritanopia

46.9042, 0.2908, 0.3107

Trichromacy



Original Color

46.6561, 0.2922, 0.3145

Protanomaly

46.2899, 0.2993, 0.3121

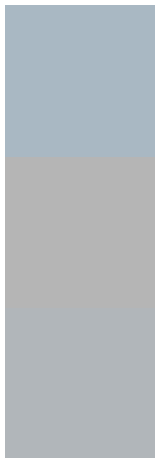
Deuteranomaly

46.4161, 0.3036, 0.3073

Tritanomaly

46.8582, 0.2916, 0.3119

Monochromacy



Original Color

46.6561, 0.2922, 0.3145

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.3482, 0.3054, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6561, 0.2922, 0.3145 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(169, 184, 195)` looks like.

```
.text, #text, p{  
    color:rgb(169, 184, 195)  
}
```

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(169, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 184, 195) }
```

Border

The CSS property to change the border of an element to Yxy 46.6561, 0.2922, 0.3145 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(169, 184, 195) }
```

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

```
.border{ border-color:rgb(169, 184, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(169, 184,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6561, 0.2922, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 184, 195) }
```

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

```
.background{ background-color: rgb(169,  
184, 195) }
```

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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