

Converting Colors

$Yxy(56.2567, 0.2760, 0.2921)$

Have a look what the booklet for
Yxy(56.2567, 0.2760, 0.2921)
contains.

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Color

Yxy(56.4867, 0.2765, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	B2C8E6
RGB	178, 200, 230
RGB Percent	70%, 78%, 90%
CMY	0.3021, 0.2156, 0.0981
CMYK	0.23, 0.13, 0.00, 0.10
HSL	215°, 51%, 80%
HSV	215°, 23%, 90%
XYZ	53.2875, 56.4867, 82.9474
YIQ	196.8420, -22.7420, 4.6660

Conversions

Conversions Part 2

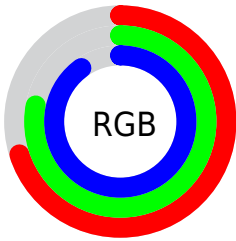
Format	Color
R _Y B	178, 193, 230
Decimal	11716838
CIE Lab	79.89, -1.03, -17.33
CIE LCh	80, 17.363, 266.591
Yxy	56.4867, 0.2765, 0.2931
Android (android.graphics.Color)	4289906918 (0xFFB2C8E6)
YUV	196.8420, 16.3469, -16.5244
Hunter-Lab	75.1576, -4.9676, -12.8248

Details

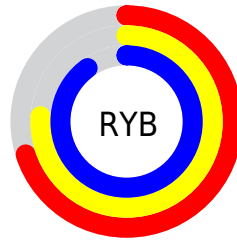
The Yxy color **56.4867, 0.2765, 0.2931** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.1080, 0.3518, 0.3624**, and the grayscale version is **55.6409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **27.8988, 0.2672, 0.2842** is the 20% darker color. If you saturate the color by 10%, you get **48.1204, 0.2595, 0.2744**, and if you desaturate by 10%, it is **65.8452, 0.2930, 0.3101**.

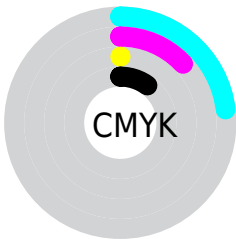
Distribution



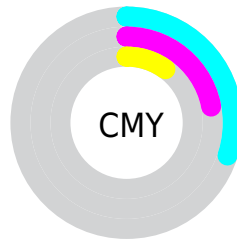
- Red (70%)
- Green (78%)
- Blue (90%)



- Red (70%)
- Yellow (76%)
- Blue (90%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4867, 0.2765, 0.2931 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 56.4867, 0.2765, 0.2931 by changing the saturation by 10% instead.

■ 56.4867, 0.2765,
0.2931

■ 56.4867, 0.2765,
0.2931

411.5231, 0.2939,
0.3104

■ 40.5933, 0.2724,
0.2890

■ 99.7158, 0.2826,
0.2992

■ 28.0014, 0.2673,
0.2839

127.8203, 0.2850,
0.3016

■ 18.3267, 0.2606,
0.2772

160.7640, 0.2870,
0.3036

■ 11.1848, 0.2518,
0.2683

198.9311, 0.2887,
0.3053

■ 6.1913, 0.2394,
0.2559

242.7062, 0.2903,
0.3068

■ 2.9617, 0.2210,
0.2372

292.4737, 0.2916,

■ 1.1118, 0.1911,

0.3081

0.2067

348.6178, 0.2928,
0.3093

■ 0.0000, 0.0000,
0.0000

■ 56.4867, 0.2765,
0.2931

■ 56.4867, 0.2765,
0.2931

■ 48.1204, 0.2595,
0.2744

■ 65.8452, 0.2930,
0.3101

■ 40.7034, 0.2424,
0.2541

■ 76.2232, 0.3087,
0.3253

■ 34.1993, 0.2257,
0.2325

■ 87.6552, 0.3235,
0.3388

■ 28.5664, 0.2100,
0.2101

■ 97.2257, 0.3276,
0.3514

■ 23.7589, 0.1959,
0.1875

■ 98.4925, 0.3274,
0.3532

■ 19.7258, 0.1841,
0.1655

■ 16.4078, 0.1749,
0.1450

■ 14.3588, 0.1697,
0.1310

Harmonies

Analogous

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



56.4867, 0.2695, 0.3042



56.4867, 0.2765, 0.2931



56.4867, 0.2930, 0.2915

Triad

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



56.4867, 0.2765, 0.2931



56.4867, 0.3534, 0.3329



56.4867, 0.3089, 0.3617

Complementary

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



56.4867, 0.2765, 0.2931



65.1080, 0.3518, 0.3624

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.



56.4867, 0.3316, 0.3693



56.4867, 0.2765, 0.2931



56.4867, 0.3578, 0.3515

Square

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



56.4867, 0.2765, 0.2931



56.4867, 0.3376, 0.3140



56.4867, 0.3497, 0.3651



56.4867, 0.2878, 0.3443

Rectangle

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



56.4867, 0.2765, 0.2931



56.4867, 0.3075, 0.2957



56.4867, 0.3497, 0.3651



56.4867, 0.3166, 0.3655

Sweetspot

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



56.4890, 0.2765, 0.2931



90.3853, 0.3019, 0.3188



70.5729, 0.2921, 0.3557



19.1753, 0.3009, 0.3179



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.



56.4890, 0.2765, 0.2931



66.4545, 0.2688, 0.2848



47.4100, 0.2770, 0.2661



14.8868, 0.2981, 0.3151



8.3607, 0.1705, 0.1339



0.7986, 0.1785, 0.1625

Inverse Universe

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



52.8145, 0.3398, 0.3044



61.3651, 0.3468, 0.2992



76.0520, 0.3442, 0.3859



14.4689, 0.3226, 0.3191



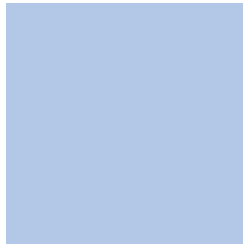
10.0417, 0.5273, 0.2679



0.7603, 0.4900, 0.2473

Previews

White Background



This preview shows how the Yxy color 56.4867, 0.2765, 0.2931 looks on a white background.

Color Contrast Check

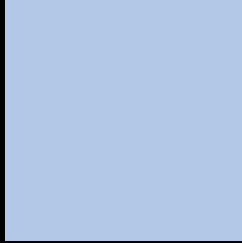
Large Text (above 18pt) WCAG AA × Fail

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 56.4867, 0.2765, 0.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

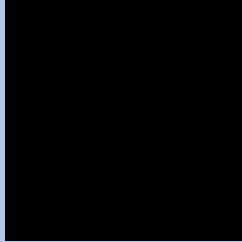
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

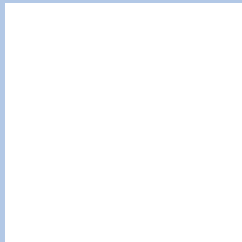
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4867, 0.2765, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 56.4867, 0.2765, 0.2931.



This preview shows how white text looks on a background with the Yxy color 56.4867, 0.2765, 0.2931.

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

56.4867, 0.2765, 0.2931

Protanopia

56.2324, 0.2880, 0.2926

Deuteranopia

56.3270, 0.2918, 0.2854



Tritanopia

56.5331, 0.2828, 0.3094

Trichromacy



Original Color

56.4867, 0.2765, 0.2931

Protanomaly

56.0987, 0.2838, 0.2923

Deuteranomaly

56.5868, 0.2861, 0.2883

Tritanomaly

56.3943, 0.2809, 0.3035

Monochromacy



Original Color

56.4867, 0.2765, 0.2931

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9388, 0.2987, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4867, 0.2765, 0.2931 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(178, 200, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 200, 230)  
}
```

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(178, 200, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 200, 230) }
```

Border

The CSS property to change the border of an element to Yxy 56.4867, 0.2765, 0.2931 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(178, 200, 230) }
```

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

```
.border{ border-color:rgb(178, 200, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 200, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 200, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 200, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 200,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4867, 0.2765, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 200, 230) }
```

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

```
.background{ background-color: rgb(178,  
200, 230) }
```

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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