

Converting Colors

$Yxy(56.6813, 0.2775, 0.3023)$

Have a look what the booklet for
Yxy(56.6813, 0.2775, 0.3023)
contains.

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Color

Yxy(56.6215, 0.2777, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	AECAE0
RGB	174, 202, 224
RGB Percent	68%, 79%, 88%
CMY	0.3176, 0.2078, 0.1215
CMYK	0.22, 0.10, 0.00, 0.12
HSL	206°, 45%, 78%
HSV	206°, 22%, 88%
XYZ	52.0311, 56.6215, 78.7118
YIQ	196.1360, -23.7500, 0.9060

Conversions

Conversions Part 2

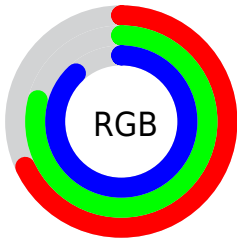
Format	Color
RYB	174, 192, 224
Decimal	11455200
CIELab	79.97, -4.63, -14.04
CIELCh	80, 14.781, 251.756
Yxy	56.6215, 0.2777, 0.3022
Android (android.graphics.Color)	4289645280 (0xFFAECAE0)
YUV	196.1360, 13.7370, -19.4133
Hunter-Lab	75.2473, -8.2557, -9.3467

Details

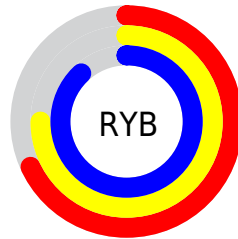
The Yxy color **56.6215, 0.2777, 0.3022** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3866, 0.3528, 0.3544**, and the grayscale version is **55.2159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **28.1093, 0.2688, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **49.7829, 0.2617, 0.2882**, and if you desaturate by 10%, it is **64.1892, 0.2936, 0.3150**.

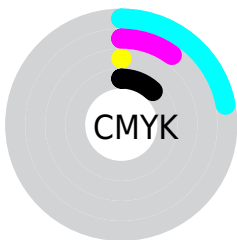
Distribution



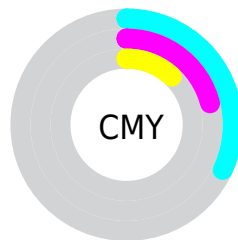
- Red (68%)
- Green (79%)
- Blue (88%)



- Red (68%)
- Yellow (75%)
- Blue (88%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (32%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6215, 0.2777, 0.3022 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 56.6215, 0.2777, 0.3022 by changing the saturation by 10% instead.

■ 56.6215, 0.2777,
0.3022

■ 56.6215, 0.2777,
0.3022

412.0295, 0.2945,
0.3152

■ 40.7014, 0.2737,
0.2991

■ 99.9127, 0.2836,
0.3068

■ 28.0859, 0.2688,
0.2951

128.0526, 0.2859,
0.3086

■ 18.3904, 0.2624,
0.2900

161.0346, 0.2878,
0.3101

■ 11.2306, 0.2538,
0.2830

199.2431, 0.2895,
0.3114

■ 6.2222, 0.2418,
0.2731

243.0624, 0.2910,
0.3126

■ 2.9806, 0.2239,
0.2580

292.8770, 0.2923,

■ 1.1216, 0.1945,

0.3136

0.2323

349.0712, 0.2934,
0.3144

0.0000, 0.0000,
0.0000

56.6215, 0.2777,
0.3022

56.6215, 0.2777,
0.3022

49.7829, 0.2617,
0.2882

64.1892, 0.2936,
0.3150

43.6398, 0.2460,
0.2730

72.5041, 0.3092,
0.3265

38.1658, 0.2311,
0.2569

81.5925, 0.3242,
0.3368

33.3297, 0.2173,
0.2400

89.8081, 0.3326,
0.3462

29.0971, 0.2051,
0.2228

95.8163, 0.3314,
0.3556

■ 25.4291, 0.1949,
0.2056

■ 98.1622, 0.3309,
0.3591

■ 22.2799, 0.1871,
0.1888

■ 20.1609, 0.1823,
0.1763

Harmonies

Analogous

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



56.6215, 0.2764, 0.3153



56.6215, 0.2777, 0.3022



56.6215, 0.2881, 0.2966

Triad

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



56.6215, 0.2777, 0.3022



56.6215, 0.3417, 0.3242



56.6215, 0.3193, 0.3611

Complementary

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



56.6215, 0.2777, 0.3022



58.3866, 0.3528, 0.3544

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.



56.6215, 0.3372, 0.3627



56.6215, 0.2777, 0.3022



56.6215, 0.3505, 0.3408

Square

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



56.6215, 0.2777, 0.3022



56.6215, 0.3249, 0.3093



56.6215, 0.3488, 0.3550



56.6215, 0.3000, 0.3500

Rectangle

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



56.6215, 0.2777, 0.3022



56.6215, 0.2990, 0.2975



56.6215, 0.3488, 0.3550



56.6215, 0.3257, 0.3627

Sweetspot

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



56.6238, 0.2777, 0.3022



91.8610, 0.3019, 0.3212



66.2845, 0.2964, 0.3636



19.5169, 0.3009, 0.3205



0.0000, 0.0000, 0.0000



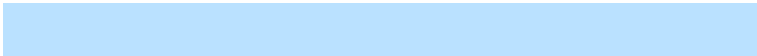
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6238, 0.2777, 0.3022



71.3687, 0.2699, 0.2955



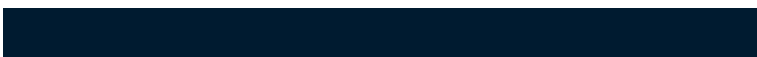
45.9580, 0.2754, 0.2710



14.5102, 0.2981, 0.3184



11.9672, 0.1830, 0.1788



1.0070, 0.1900, 0.2041

Inverse Universe

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



50.3856, 0.3335, 0.2972



61.8612, 0.3392, 0.2899



70.4450, 0.3470, 0.3811



13.8284, 0.3205, 0.3159



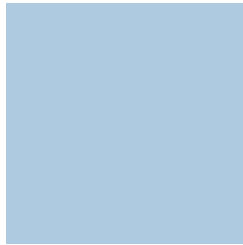
10.1161, 0.4700, 0.2363



0.7191, 0.4407, 0.2201

Previews

White Background



This preview shows how the Yxy color 56.6215, 0.2777, 0.3022 looks on a white background.

Color Contrast Check

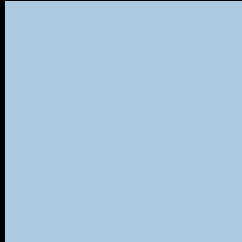
Large Text (above 18pt) WCAG AA × Fail

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 56.6215, 0.2777, 0.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

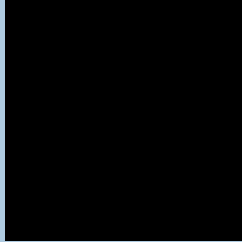
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

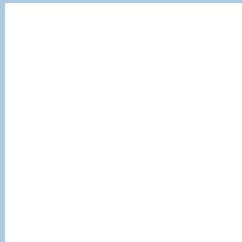
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6215, 0.2777, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 56.6215, 0.2777, 0.3022.



This preview shows how white text looks on a background with the Yxy color 56.6215, 0.2777, 0.3022.

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

56.6215, 0.2777, 0.3022

Protanopia

56.2493, 0.2949, 0.3007

Deuteranopia

56.4683, 0.2975, 0.2911



Tritanopia

56.7106, 0.2802, 0.3093

Trichromacy



Original Color

56.6215, 0.2777, 0.3022

Protanomaly

56.1734, 0.2884, 0.3015

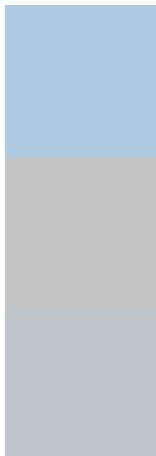
Deuteranomaly

56.2536, 0.2900, 0.2949

Tritanomaly

56.8166, 0.2790, 0.3069

Monochromacy



Original Color

56.6215, 0.2777, 0.3022

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5358, 0.2993, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6215, 0.2777, 0.3022 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(174, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(174, 202, 224)  
}
```

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(174, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 202, 224) }
```

Border

The CSS property to change the border of an element to Yxy 56.6215, 0.2777, 0.3022 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(174, 202, 224) }
```

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

```
.border{ border-color:rgb(174, 202, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(174, 202,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6215, 0.2777, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 202, 224) }
```

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

```
.background{ background-color: rgb(174,  
202, 224) }
```

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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