

Converting Colors

Yxy(56.3557, 0.2781, 0.3189)

Have a look what the booklet for
Yxy(56.3557, 0.2781, 0.3189)
contains.

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Color

Yxy(56.3593, 0.2781, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	A4CDD5
RGB	164, 205, 213
RGB Percent	64%, 80%, 84%
CMY	0.3569, 0.1961, 0.1648
CMYK	0.23, 0.04, 0.00, 0.16
HSL	190°, 37%, 74%
HSV	190°, 23%, 84%
XYZ	49.1487, 56.3593, 71.2223
YIQ	193.6530, -27.0040, -6.2040

Conversions

Conversions Part 2

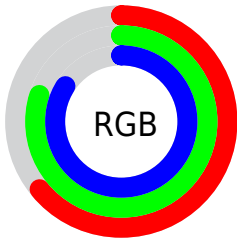
Format	Color
RYB	164, 186, 213
Decimal	10800597
CIELab	79.82, -11.68, -8.41
CIELCh	80, 14.396, 215.743
Yxy	56.3593, 0.2781, 0.3189
Android (android.graphics.Color)	4288990677 (0xFFA4CDD5)
YUV	193.6530, 9.5381, -26.0057
Hunter-Lab	75.0728, -14.5170, -3.6980

Details

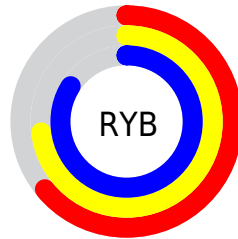
The Yxy color **56.3593, 0.2781, 0.3189** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.3169, 0.3576, 0.3389**, and the grayscale version is **53.6881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **27.9813, 0.2696, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **52.6423, 0.2641, 0.3139**, and if you desaturate by 10%, it is **60.4970, 0.2929, 0.3235**.

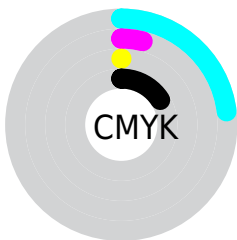
Distribution



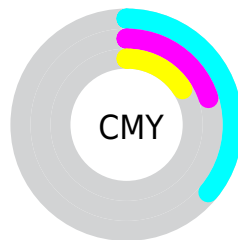
- Red (64%)
- Green (80%)
- Blue (84%)



- Red (64%)
- Yellow (73%)
- Blue (84%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (36%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3593, 0.2781, 0.3189 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 56.3593, 0.2781, 0.3189 by changing the saturation by 10% instead.

■ 56.3593, 0.2781,
0.3189

■ 56.3593, 0.2781,
0.3189

411.0442, 0.2947,
0.3240

■ 40.4911, 0.2742,
0.3176

■ 99.5297, 0.2840,
0.3208

■ 27.9216, 0.2692,
0.3160

■ 127.6007, 0.2862,
0.3215

■ 18.2666, 0.2629,
0.3138

160.5080, 0.2881,
0.3221

■ 11.1416, 0.2543,
0.3107

198.6362, 0.2898,
0.3226

■ 6.1621, 0.2423,
0.3061

242.3694, 0.2913,
0.3230

■ 2.9439, 0.2242,
0.2987

292.0923, 0.2925,

■ 1.1025, 0.1933,

0.3234

0.2850

348.1890, 0.2937,
0.3237

0.0000, 0.0000,
0.0000

56.3593, 0.2781,
0.3189

56.3593, 0.2781,
0.3189

52.6423, 0.2641,
0.3139

60.4970, 0.2929,
0.3235

49.3201, 0.2513,
0.3086

65.0664, 0.3081,
0.3278

46.3742, 0.2398,
0.3030

70.0865, 0.3236,
0.3317

43.7817, 0.2301,
0.2973

75.5730, 0.3390,
0.3351

41.5173, 0.2221,
0.2915

78.4838, 0.3427,
0.3385

■ 39.5515, 0.2161,
0.2856

■ 80.3474, 0.3422,
0.3420

■ 37.8490, 0.2120,
0.2798

■ 82.2492, 0.3416,
0.3454

■ 36.7713, 0.2100,
0.2758

■ 84.1892, 0.3410,
0.3488

■ 86.1678, 0.3405,
0.3522

Harmonies

Analogous

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



56.3593, 0.2876, 0.3364



56.3593, 0.2781, 0.3189



56.3593, 0.2775, 0.3049

Triad

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



56.3593, 0.2781, 0.3189



56.3593, 0.3208, 0.3073



56.3593, 0.3396, 0.3610

Complementary

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



56.3593, 0.2781, 0.3189



46.3169, 0.3576, 0.3389

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.



56.3593, 0.3491, 0.3520



56.3593, 0.2781, 0.3189



56.3593, 0.3382, 0.3212

Square

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



56.3593, 0.2781, 0.3189



56.3593, 0.3017, 0.2988



56.3593, 0.3486, 0.3373



56.3593, 0.3229, 0.3614

Rectangle

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



56.3593, 0.2781, 0.3189



56.3593, 0.2823, 0.2993



56.3593, 0.3486, 0.3373



56.3593, 0.3437, 0.3588

Sweetspot

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



56.3616, 0.2781, 0.3189



94.9311, 0.3018, 0.3261



58.4229, 0.3049, 0.3833



20.2290, 0.3009, 0.3259



0.0000, 0.0000, 0.0000



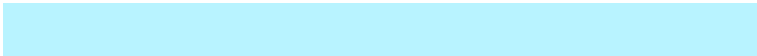
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3616, 0.2781, 0.3189



81.6908, 0.2706, 0.3163



45.8013, 0.2757, 0.2878



13.7477, 0.2983, 0.3251



22.5941, 0.2102, 0.2767



1.4567, 0.2130, 0.2866

Inverse Universe

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



45.1021, 0.3222, 0.2809



61.8692, 0.3247, 0.2696



56.2286, 0.3514, 0.3670



12.5964, 0.3162, 0.3097



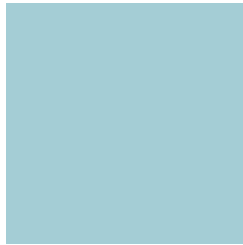
10.6257, 0.3666, 0.1793



0.6504, 0.3574, 0.1743

Previews

White Background



This preview shows how the Yxy color 56.3593, 0.2781, 0.3189 looks on a white background.

Color Contrast Check

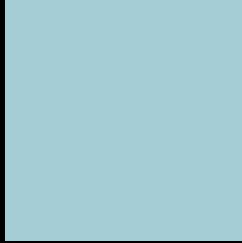
Large Text (above 18pt) WCAG AA × Fail

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 56.3593, 0.2781, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

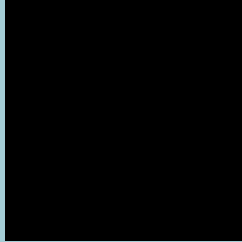
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

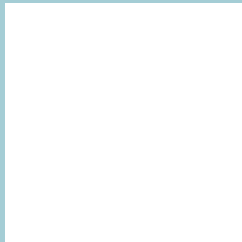
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3593, 0.2781, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 56.3593, 0.2781, 0.3189.



This preview shows how white text looks on a background with the Yxy color 56.3593, 0.2781, 0.3189.

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

56.3593, 0.2781, 0.3189

Protanopia

56.0397, 0.3056, 0.3147

Deuteranopia

56.0670, 0.3077, 0.3013



Tritanopia

56.3524, 0.2744, 0.3091

Trichromacy



Original Color

56.3593, 0.2781, 0.3189

Protanomaly

55.9391, 0.2951, 0.3156

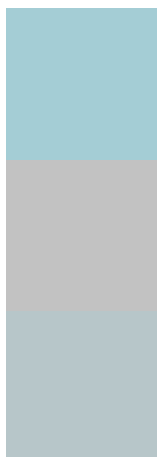
Deuteranomaly

56.0453, 0.2961, 0.3075

Tritanomaly

56.1948, 0.2762, 0.3127

Monochromacy



Original Color

56.3593, 0.2781, 0.3189

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6725, 0.2990, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3593, 0.2781, 0.3189 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(164, 205, 213)` looks like.

```
.text, #text, p{  
    color:rgb(164, 205, 213)  
}
```

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(164, 205, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 205, 213) }
```

Border

The CSS property to change the border of an element to Yxy 56.3593, 0.2781, 0.3189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

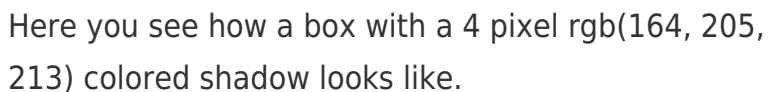
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 205, 213) }
```

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

```
.border{ border-color:rgb(164, 205, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(164, 205, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 205, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 205, 213);  
box-shadow:4px 4px 4px 4px rgb(164, 205,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3593, 0.2781, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 205, 213) }
```

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

```
.background{ background-color: rgb(164,  
205, 213) }
```

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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