

Converting Colors

$Yxy(55.5625, 0.2723, 0.3069)$

Have a look what the booklet for
Yxy(55.5625, 0.2723, 0.3069)
contains.

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Color

Yxy(55.6137, 0.2717, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	A2CBDD
RGB	162, 203, 221
RGB Percent	64%, 80%, 87%
CMY	0.3649, 0.2039, 0.1334
CMYK	0.27, 0.08, 0.00, 0.13
HSL	198°, 46%, 75%
HSV	198°, 27%, 87%
XYZ	49.2993, 55.6137, 76.5346
YIQ	192.7930, -30.2140, -3.0940

Conversions

Conversions Part 2

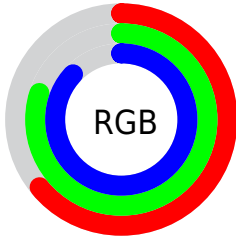
Format	Color
R _{YB}	162, 186, 221
Decimal	10669021
CIE Lab	79.39, -9.45, -13.35
CIE LCh	79, 16.358, 234.729
Yxy	55.6137, 0.2717, 0.3065
Android (android.graphics.Color)	4288859101 (0xFFA2CBDD)
YUV	192.7930, 13.9061, -27.0055
Hunter-Lab	74.5746, -12.5038, -8.6461

Details

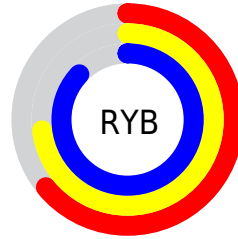
The Yxy color **55.6137, 0.2717, 0.3065** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.5928, 0.3646, 0.3504**, and the grayscale version is **53.1270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **27.4993, 0.2614, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **50.3923, 0.2569, 0.2967**, and if you desaturate by 10%, it is **61.3842, 0.2870, 0.3156**.

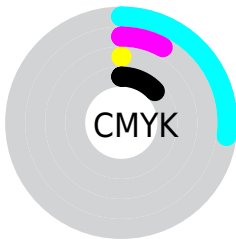
Distribution



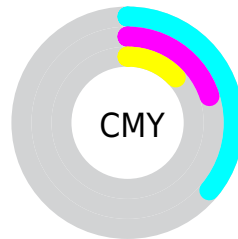
- Red (64%)
- Green (80%)
- Blue (87%)



- Red (64%)
- Yellow (73%)
- Blue (87%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (36%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6137, 0.2717, 0.3065 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 55.6137, 0.2717, 0.3065 by changing the saturation by 10% instead.

■ 55.6137, 0.2717,
0.3065

■ 55.6137, 0.2717,
0.3065

408.2341, 0.2913,
0.3176

■ 39.8933, 0.2671,
0.3038

■ 98.4395, 0.2786,
0.3105

■ 27.4554, 0.2612,
0.3003

■ 126.3138, 0.2813,
0.3120

■ 17.9155, 0.2538,
0.2957

159.0080, 0.2836,
0.3133

■ 10.8893, 0.2438,
0.2895

196.9068, 0.2855,
0.3144

■ 5.9925, 0.2298,
0.2804

240.3943, 0.2873,
0.3154

■ 2.8405, 0.2089,
0.2662

289.8551, 0.2888,

■ 1.0490, 0.1744,

0.3162

0.2414

345.6736, 0.2901,
0.3170

0.0000, 0.0000,
0.0000

55.6137, 0.2717,
0.3065

55.6137, 0.2717,
0.3065

50.3923, 0.2569,
0.2967

61.3842, 0.2870,
0.3156

45.6902, 0.2430,
0.2862

67.7184, 0.3024,
0.3239

41.4847, 0.2304,
0.2751

74.6388, 0.3177,
0.3314

37.7483, 0.2192,
0.2637

82.1643, 0.3328,
0.3381

34.4500, 0.2099,
0.2520

86.8512, 0.3352,
0.3446

■ 31.5540, 0.2027,
0.2404

■ 90.8137, 0.3343,
0.3511

■ 29.0147, 0.1974,
0.2290

■ 94.9239, 0.3334,
0.3575

■ 28.2327, 0.1959,
0.2252

■ 97.9999, 0.3328,
0.3621

Harmonies

Analogous

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



55.6137, 0.2762, 0.3245



55.6137, 0.2717, 0.3065



55.6137, 0.2777, 0.2954

Triad

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



55.6137, 0.2717, 0.3065



55.6137, 0.3351, 0.3138



55.6137, 0.3319, 0.3672

Complementary

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



55.6137, 0.2717, 0.3065



50.5928, 0.3646, 0.3504

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.



55.6137, 0.3485, 0.3627



55.6137, 0.2717, 0.3065



55.6137, 0.3506, 0.3316

Square

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



55.6137, 0.2717, 0.3065



55.6137, 0.3138, 0.3000



55.6137, 0.3555, 0.3494



55.6137, 0.3105, 0.3607

Rectangle

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



55.6137, 0.2717, 0.3065



55.6137, 0.2870, 0.2929



55.6137, 0.3555, 0.3494



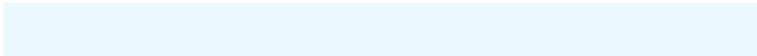
55.6137, 0.3382, 0.3669

Sweetspot

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



55.6159, 0.2717, 0.3065



92.4348, 0.3003, 0.3228



62.6661, 0.2982, 0.3818



19.4930, 0.2980, 0.3216



0.0000, 0.0000, 0.0000



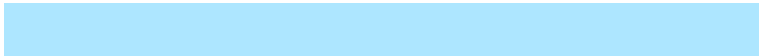
21.4041, 0.3127, 0.3290

Same Dimension

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



55.6159, 0.2717, 0.3065



72.8293, 0.2634, 0.3011



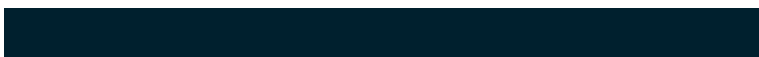
43.0779, 0.2680, 0.2683



14.1255, 0.2982, 0.3217



16.6109, 0.1964, 0.2270



1.2254, 0.2016, 0.2456

Inverse Universe

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



45.5088, 0.3313, 0.2818



57.0226, 0.3363, 0.2717



63.6686, 0.3561, 0.3831



13.2038, 0.3184, 0.3129



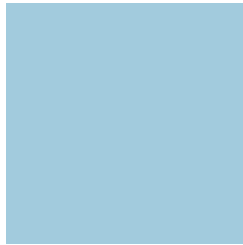
10.3006, 0.4158, 0.2064



0.6824, 0.3966, 0.1959

Previews

White Background



This preview shows how the Yxy color 55.6137, 0.2717, 0.3065 looks on a white background.

Color Contrast Check

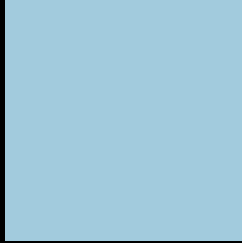
Large Text (above 18pt) WCAG AA × Fail

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 55.6137, 0.2717, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

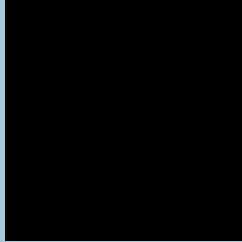
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6137, 0.2717, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 55.6137, 0.2717, 0.3065.



This preview shows how white text looks on a background with the Yxy color 55.6137, 0.2717, 0.3065.

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

55.6137, 0.2717, 0.3065

Protanopia

55.4574, 0.2969, 0.3040

Deuteranopia

55.1459, 0.2980, 0.2919



Tritanopia

55.5606, 0.2723, 0.3077

Trichromacy



Original Color

55.6137, 0.2717, 0.3065

Protanomaly

55.3952, 0.2868, 0.3047

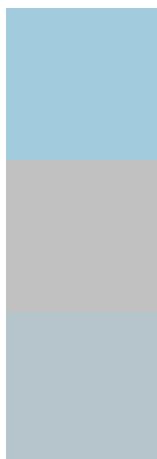
Deuteranomaly

54.8689, 0.2876, 0.2967

Tritanomaly

55.5606, 0.2723, 0.3077

Monochromacy



Original Color

55.6137, 0.2717, 0.3065

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.1894, 0.2969, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6137, 0.2717, 0.3065 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(162, 203, 221)` looks like.

```
.text, #text, p{  
    color:rgb(162, 203, 221)  
}
```

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(162, 203, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 203, 221) }
```

Border

The CSS property to change the border of an element to Yxy 55.6137, 0.2717, 0.3065 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(162, 203, 221) }
```

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

```
.border{ border-color:rgb(162, 203, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 203, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 203, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 203, 221);  
box-shadow:4px 4px 4px 4px rgb(162, 203,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6137, 0.2717, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 203, 221) }
```

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

```
.background{ background-color: rgb(162,  
203, 221) }
```

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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