

Converting Colors

$Y_{xy}(55.5592, 0.2847, 0.3279)$

Have a look what the booklet for
Yxy(55.5592, 0.2847, 0.3279)
contains.

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Color

$\text{Yxy}(55.7005, 0.2843, 0.3277)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A6CCCD |
| RGB | 166, 204, 205 |
| RGB Percent | 65%, 80%, 80% |
| CMY | 0.3493, 0.1999, 0.1961 |
| CMYK | 0.19, 0.00, 0.00, 0.20 |
| HSL | 181°, 28%, 73% |
| HSV | 181°, 19%, 80% |
| XYZ | 48.3236, 55.7005, 65.9499 |
| YIQ | 192.7520, -22.9690, -7.7450 |

Conversions

Conversions Part 2

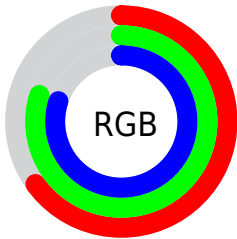
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 166, 185, 205 |
| Decimal | 10931405 |
| CIE Lab | 79.44, -12.33, -4.66 |
| CIE LCh | 79, 13.179, 200.714 |
| Yxy | 55.7005, 0.2843, 0.3277 |
| Android (android.graphics.Color) | 4289121485 (0xFFA6CCCD) |
| YUV | 192.7520, 6.0383, -23.4615 |
| Hunter-Lab | 74.6328, -15.0312, -0.1492 |

Details

The Yxy color **55.7005, 0.2843, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3196, 0.3496, 0.3303**, and the grayscale version is **53.1416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **27.5578, 0.2767, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **53.4240, 0.2708, 0.3270**, and if you desaturate by 10%, it is **58.3354, 0.2989, 0.3284**.

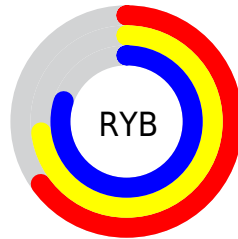
Distribution



Red (65%)

Green (80%)

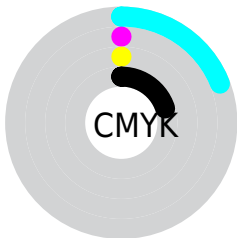
Blue (80%)



Red (65%)

Yellow (73%)

Blue (80%)

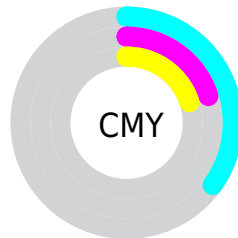


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (35%)


Magenta (20%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7005, 0.2843, 0.3277 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 55.7005, 0.2843, 0.3277 by changing the saturation by 10% instead.

 55.7005, 0.2843,
0.3277


 55.7005, 0.2843,
0.3277


408.5618, 0.2980,
0.3285

 39.9628, 0.2810,
0.3275


 98.5665, 0.2892,
0.3280

 27.5096, 0.2769,
0.3272


 126.4637, 0.2910,
0.3281

 17.9563, 0.2716,
0.3267


159.1829, 0.2926,
0.3282

 10.9186, 0.2644,
0.3261

197.1084, 0.2940,
0.3283

 6.0121, 0.2542,
0.3250

240.6246, 0.2952,
0.3283

 2.8525, 0.2385,
0.3230

290.1160, 0.2962,

 1.0552, 0.2097,

0.3284

0.3194

345.9669, 0.2972,
0.3284

0.0000, 0.0000,
0.0000

55.7005, 0.2843,
0.3277

55.7005, 0.2843,
0.3277

53.4240, 0.2708,
0.3270

58.3354, 0.2989,
0.3284

51.4823, 0.2586,
0.3262

61.3373, 0.3142,
0.3291

49.8596, 0.2481,
0.3254

64.7232, 0.3300,
0.3297


48.5362, 0.2393,
0.3245


68.5070, 0.3460,
0.3302


47.4902, 0.2324,
0.3237

70.0688, 0.3514,
0.3307

 46.6966, 0.2275,
0.3229

 70.3120, 0.3513,
0.3312


 46.1261, 0.2244,
0.3221

 70.5560, 0.3512,
0.3317

 45.7299, 0.2227,
0.3213

 70.8008, 0.3511,
0.3323

 45.6954, 0.2226,
0.3212

 71.0463, 0.3510,
0.3328

Harmonies

Analogous

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



55.7005, 0.2966, 0.3436



55.7005, 0.2843, 0.3277



55.7005, 0.2795, 0.3127

Triad

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



55.7005, 0.2843, 0.3277



55.7005, 0.3113, 0.3043



55.7005, 0.3428, 0.3551

Complementary

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



55.7005, 0.2843, 0.3277



43.3196, 0.3496, 0.3303

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.



55.7005, 0.3471, 0.3439



55.7005, 0.2843, 0.3277



55.7005, 0.3287, 0.3150

Square

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



55.7005, 0.2843, 0.3277



55.7005, 0.2948, 0.2998



55.7005, 0.3419, 0.3292



55.7005, 0.3303, 0.3596

Rectangle

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



55.7005, 0.2843, 0.3277



55.7005, 0.2811, 0.3053



55.7005, 0.3419, 0.3292



55.7005, 0.3453, 0.3520

Sweetspot

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



55.7028, 0.2843, 0.3277



96.9737, 0.3034, 0.3286



54.5268, 0.3098, 0.3799



20.6888, 0.3024, 0.3286



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.



55.7028, 0.2843, 0.3277



89.6087, 0.2784, 0.3274



47.1197, 0.2829, 0.3027



12.6780, 0.2984, 0.3284



28.4742, 0.2226, 0.3213



1.4842, 0.2230, 0.3229

Inverse Universe

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



44.5809, 0.3157, 0.2832



68.0257, 0.3164, 0.2729



50.8879, 0.3452, 0.3540



11.3988, 0.3142, 0.3067



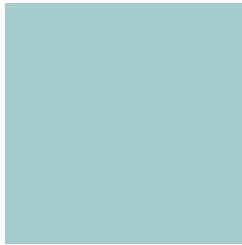
10.6775, 0.3271, 0.1575



0.5524, 0.3258, 0.1568

Previews

White Background



This preview shows how the Yxy color 55.7005, 0.2843, 0.3277 looks on a white background.

Color Contrast Check

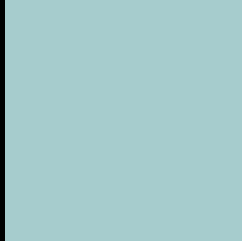
Large Text (above 18pt) WCAG AA × Fail

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 55.7005, 0.2843, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

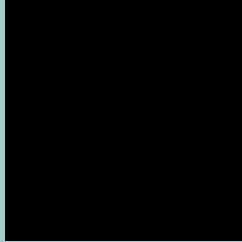
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

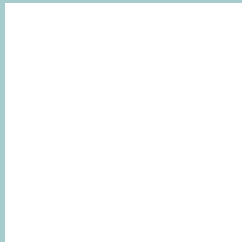
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7005, 0.2843, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 55.7005, 0.2843, 0.3277.

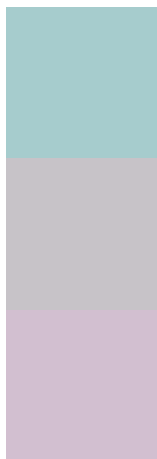


This preview shows how white text looks on a background with the Yxy color 55.7005, 0.2843, 0.3277.

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

55.7005, 0.2843, 0.3277

Protanopia

55.3425, 0.3122, 0.3230

Deuteranopia

55.5173, 0.3153, 0.3093



Tritanopia

55.7380, 0.2780, 0.3091

Trichromacy



Original Color

55.7005, 0.2843, 0.3277

Protanomaly

55.2172, 0.3013, 0.3241

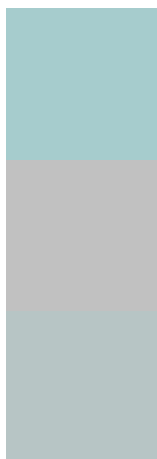
Deuteranomaly

55.4542, 0.3032, 0.3157

Tritanomaly

55.8408, 0.2806, 0.3164

Monochromacy



Original Color

55.7005, 0.2843, 0.3277

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.0310, 0.3018, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7005, 0.2843, 0.3277 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(166, 204, 205)` looks like.

```
.text, #text, p{  
    color:rgb(166, 204, 205)  
}
```

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(166, 204, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 204, 205) }
```

Border

The CSS property to change the border of an element to Yxy 55.7005, 0.2843, 0.3277 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(166, 204, 205) }
```

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

```
.border{ border-color:rgb(166, 204, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 204, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 204, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 204, 205);  
box-shadow:4px 4px 4px 4px rgb(166, 204,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7005, 0.2843, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 204, 205) }
```

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

```
.background{ background-color: rgb(166,  
204, 205) }
```

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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