

Converting Colors

$Yxy(56.3853, 0.2656, 0.3224)$

Have a look what the booklet for
Yxy(56.3853, 0.2656, 0.3224)
contains.

Yxy(56.3853, 0.2656, 0.3224)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.3853, 0.2656, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	90D1D6
RGB	144, 209, 214
RGB Percent	56%, 82%, 84%
CMY	0.4349, 0.1804, 0.1608
CMYK	0.33, 0.02, 0.00, 0.16
HSL	184°, 46%, 70%
HSV	184°, 33%, 84%
XYZ	46.4514, 56.3853, 72.0557
YIQ	190.1350, -40.3450, -12.2250

Conversions

Conversions Part 2

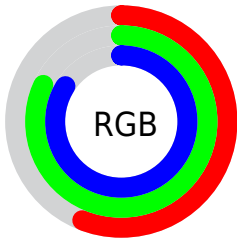
Format	Color
RYB	144, 178, 214
Decimal	9490902
CIELab	79.83, -19.23, -9.06
CIELCh	80, 21.255, 205.226
Yxy	56.3853, 0.2656, 0.3224
Android (android.graphics.Color)	4287680982 (0xFF90D1D6)
YUV	190.1350, 11.7654, -40.4604
Hunter-Lab	75.0901, -20.9861, -4.3309

Details

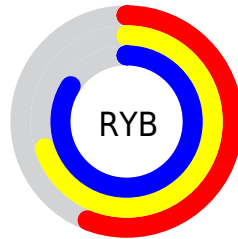
The Yxy color **56.3853, 0.2656, 0.3224** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.8424, 0.3859, 0.3354**, and the grayscale version is **51.5344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **27.7881, 0.2537, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **53.8883, 0.2536, 0.3201**, and if you desaturate by 10%, it is **59.2594, 0.2790, 0.3246**.

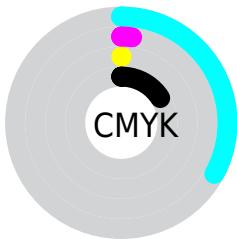
Distribution



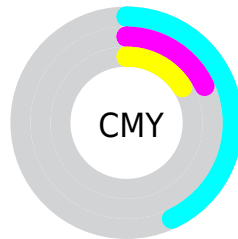
- Red (56%)
- Green (82%)
- Blue (84%)



- Red (56%)
- Yellow (70%)
- Blue (84%)



- Cyan (33%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)





- Cyan (43%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3853, 0.2656, 0.3224 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 56.3853, 0.2656, 0.3224 by changing the saturation by 10% instead.


 56.3853, 0.2656,
0.3224

 56.3853, 0.2656,
0.3224


411.1419, 0.2881,
0.3260

 40.5119, 0.2603,
0.3214


 99.5677, 0.2735,
0.3238

 27.9379, 0.2537,
0.3201


 127.6455, 0.2766,
0.3243

 18.2789, 0.2452,
0.3184


160.5603, 0.2792,
0.3247

 11.1504, 0.2338,
0.3158

198.6964, 0.2814,
0.3250

 6.1681, 0.2180,
0.3118

242.4382, 0.2834,
0.3253

 2.9475, 0.1945,
0.3049

292.1701, 0.2851,

 1.1044, 0.1501,

0.3256

0.2933

348.2766, 0.2867,
0.3258

0.0000, 0.0000,
0.0000

56.3853, 0.2656,
0.3224

56.3853, 0.2656,
0.3224

53.8883, 0.2536,
0.3201

59.2594, 0.2790,
0.3246

51.7409, 0.2431,
0.3177

62.5229, 0.2934,
0.3266

49.9227, 0.2344,
0.3153


66.1958, 0.3086,
0.3285


48.4080, 0.2277,
0.3128


70.2948, 0.3242,
0.3302


47.1676, 0.2228,
0.3104

74.8356, 0.3400,
0.3318

 46.1662, 0.2198,
0.3080

 76.3629, 0.3427,
0.3333

 45.5399, 0.2184,
0.3062

 77.1641, 0.3424,
0.3349

 77.9727, 0.3422,
0.3364

 78.7887, 0.3419,
0.3380

Harmonies

Analogous

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



56.3853, 0.2832, 0.3489



56.3853, 0.2656, 0.3224



56.3853, 0.2602, 0.2993

Triad

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



56.3853, 0.2656, 0.3224



56.3853, 0.3144, 0.2922



56.3853, 0.3587, 0.3726

Complementary

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



56.3853, 0.2656, 0.3224



37.8424, 0.3859, 0.3354

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.



56.3853, 0.3682, 0.3552



56.3853, 0.2656, 0.3224



56.3853, 0.3421, 0.3097

Square

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



56.3853, 0.2656, 0.3224



56.3853, 0.2874, 0.2833



56.3853, 0.3621, 0.3324



56.3853, 0.3368, 0.3787

Rectangle

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



56.3853, 0.2656, 0.3224



56.3853, 0.2639, 0.2889



56.3853, 0.3621, 0.3324



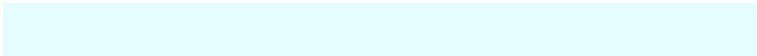
56.3853, 0.3635, 0.3677

Sweetspot

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



56.3875, 0.2656, 0.3224



94.3184, 0.2972, 0.3271



56.1950, 0.3053, 0.4188



20.0280, 0.2951, 0.3269



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.



56.3875, 0.2656, 0.3224



81.2939, 0.2573, 0.3209



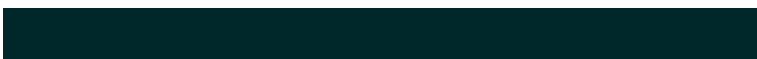
41.2146, 0.2598, 0.2755



13.9482, 0.2983, 0.3273



27.5899, 0.2185, 0.3066



1.7108, 0.2197, 0.3107

Inverse Universe

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



38.8738, 0.3211, 0.2535



51.6550, 0.3230, 0.2385



50.4733, 0.3724, 0.3770



12.6166, 0.3149, 0.3076



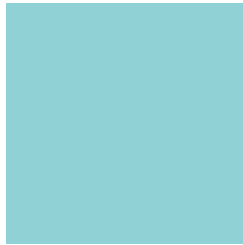
11.1301, 0.3397, 0.1645



0.6760, 0.3361, 0.1625

Previews

White Background



This preview shows how the Yxy color 56.3853, 0.2656, 0.3224 looks on a white background.

Color Contrast Check

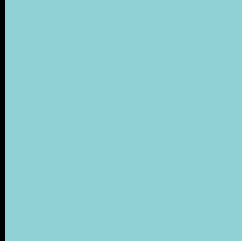
Large Text (above 18pt) WCAG AA × Fail

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 56.3853, 0.2656, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

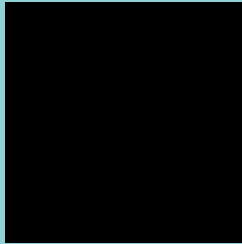
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3853, 0.2656, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 56.3853, 0.2656, 0.3224.

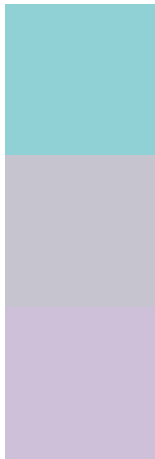


This preview shows how white text looks on a background with the Yxy color 56.3853, 0.2656, 0.3224.

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

56.3853, 0.2656, 0.3224

Protanopia

55.9419, 0.3070, 0.3170

Deuteranopia

56.0266, 0.3054, 0.2990



Tritanopia

56.2105, 0.2614, 0.3074

Trichromacy



Original Color

56.3853, 0.2656, 0.3224

Protanomaly

55.8417, 0.2900, 0.3191

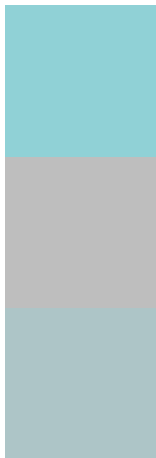
Deuteranomaly

55.5883, 0.2889, 0.3060

Tritanomaly

56.3900, 0.2632, 0.3136

Monochromacy



Original Color

56.3853, 0.2656, 0.3224

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.9403, 0.2929, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3853, 0.2656, 0.3224 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(144, 209, 214)` looks like.

```
.text, #text, p{  
    color:rgb(144, 209, 214)  
}
```

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(144, 209, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 209, 214) }
```

Border

The CSS property to change the border of an element to Yxy 56.3853, 0.2656, 0.3224 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(144, 209, 214) }
```

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

```
.border{ border-color:rgb(144, 209, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 209, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 209, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 209, 214); box-shadow:4px 4px 4px 4px rgb(144, 209, 214) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3853, 0.2656, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 209, 214) }
```

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

```
.background{ background-color: rgb(144,  
209, 214) }
```

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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