

Converting Colors

$Yxy(55.1830, 0.2739, 0.3540)$

Have a look what the booklet for
Yxy(55.1830, 0.2739, 0.3540)
contains.

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Color

Yxy(55.1332, 0.2736, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	88D2C0
RGB	136, 210, 192
RGB Percent	53%, 82%, 75%
CMY	0.4668, 0.1764, 0.2471
CMYK	0.35, 0.00, 0.09, 0.18
HSL	165°, 45%, 68%
HSV	165°, 35%, 82%
XYZ	42.7079, 55.1332, 58.2551
YIQ	185.8220, -38.3260, -21.2860

Conversions

Conversions Part 2

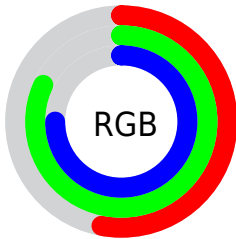
Format	Color
RYB	136, 178, 210
Decimal	8966848
CIELab	79.12, -27.03, 1.63
CIElCh	79, 27.075, 176.542
Yxy	55.1332, 0.2736, 0.3532
Android (android.graphics.Color)	4287156928 (0xFF88D2C0)
YUV	185.8220, 3.0458, -43.6939
Hunter-Lab	74.2517, -27.2713, 5.4595

Details

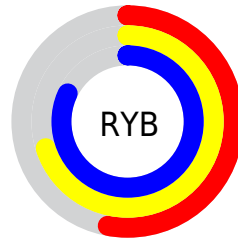
The Yxy color **55.1332, 0.2736, 0.3532** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.6315, 0.3756, 0.3065**, and the grayscale version is **48.9922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5038, 0.2797, 0.3363**, and **27.1006, 0.2628, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **53.3240, 0.2648, 0.3613**, and if you desaturate by 10%, it is **57.2991, 0.2837, 0.3456**.

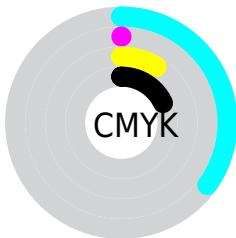
Distribution



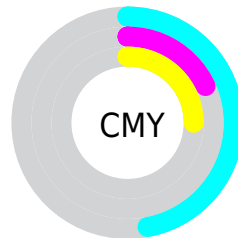
- Red (53%)
- Green (82%)
- Blue (75%)



- Red (53%)
- Yellow (70%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)





- Cyan (47%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1332, 0.2736, 0.3532 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 55.1332, 0.2736, 0.3532 by changing the saturation by 10% instead.


 55.1332, 0.2736,
0.3532


 55.1332, 0.2736,
0.3532


406.4166, 0.2926,
0.3414


 39.5084, 0.2690,
0.3561

 97.7361, 0.2804,
0.3490

 27.1554, 0.2632,
0.3597


 125.4829, 0.2830,
0.3474

 17.6900, 0.2557,
0.3645

 158.0393, 0.2852,
0.3460

 10.7277, 0.2455,
0.3710

195.7894, 0.2871,
0.3448

 5.8840, 0.2308,
0.3805

239.1179, 0.2887,
0.3438

 2.7747, 0.2083,
0.3953

288.4090, 0.2902,

 1.0153, 0.1303,

0.3429

0.4414

344.0471, 0.2915,
0.3421

0.0000, 0.0000,
0.0000

55.1332, 0.2736,
0.3532

55.1332, 0.2736,
0.3532

53.3240, 0.2648,
0.3613

57.2991, 0.2837,
0.3456

51.8447, 0.2574,
0.3699

59.8338, 0.2947,
0.3386

50.6749, 0.2518,
0.3787

62.7568, 0.3064,
0.3321

49.7896, 0.2482,
0.3878

66.0843, 0.3185,
0.3263

49.1594, 0.2465,
0.3969

69.8316, 0.3307,
0.3211


 48.7486, 0.2468,
0.4059

 72.6685, 0.3376,
0.3163

 48.5996, 0.2473,
0.4101

 72.9477, 0.3339,
0.3112

 73.2354, 0.3302,
0.3062

 73.5315, 0.3266,
0.3012

Harmonies

Analogous

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



55.1332, 0.3061, 0.3817



55.1332, 0.2736, 0.3532



55.1332, 0.2522, 0.3185

Triad

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



55.1332, 0.2736, 0.3532



55.1332, 0.2816, 0.2715



55.1332, 0.3839, 0.3628

Complementary

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



55.1332, 0.2736, 0.3532



33.6315, 0.3756, 0.3065

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.



55.1332, 0.3771, 0.3340



55.1332, 0.2736, 0.3532



55.1332, 0.3162, 0.2833

Square

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



55.1332, 0.2736, 0.3532



55.1332, 0.2566, 0.2732



55.1332, 0.3517, 0.3056



55.1332, 0.3705, 0.3852

Rectangle

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



55.1332, 0.2736, 0.3532



55.1332, 0.2464, 0.2980



55.1332, 0.3517, 0.3056



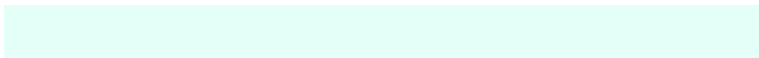
55.1332, 0.3840, 0.3536

Sweetspot

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



55.1354, 0.2736, 0.3532



94.6309, 0.2995, 0.3358



54.7920, 0.3211, 0.4301



20.1247, 0.2979, 0.3367



0.0000, 0.0000, 0.0000



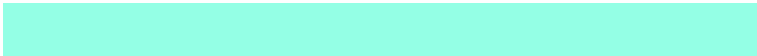
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1354, 0.2736, 0.3532



83.4604, 0.2671, 0.3590



47.3636, 0.2600, 0.3039



13.3559, 0.3015, 0.3347



29.6576, 0.2469, 0.4088



1.6703, 0.2423, 0.3923

Inverse Universe

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



33.6315, 0.3756, 0.3065



45.4629, 0.3948, 0.3019



38.7464, 0.3881, 0.3525



11.8547, 0.3253, 0.3234



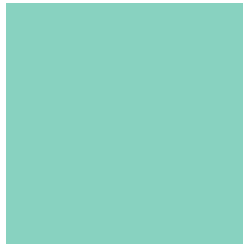
8.5175, 0.5935, 0.3043



0.4891, 0.5402, 0.2749

Previews

White Background



This preview shows how the Yxy color 55.1332, 0.2736, 0.3532 looks on a white background.

Color Contrast Check

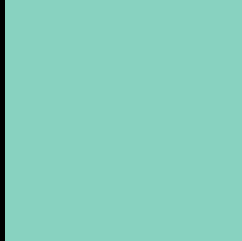
Large Text (above 18pt) WCAG AA × Fail

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 55.1332, 0.2736, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

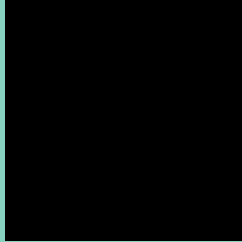
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

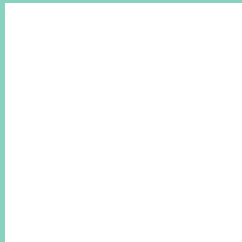
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1332, 0.2736, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 55.1332, 0.2736, 0.3532.



This preview shows how white text looks on a background with the Yxy color 55.1332, 0.2736, 0.3532.

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

55.1332, 0.2736, 0.3532

Protanopia

54.4200, 0.3268, 0.3425

Deuteranopia

54.5268, 0.3272, 0.3208



Tritanopia

55.2562, 0.2600, 0.3084

Trichromacy



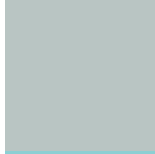
Original Color

55.1332, 0.2736, 0.3532



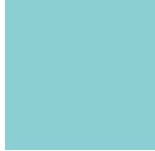
Protanomaly

54.2008, 0.3049, 0.3469



Deuteranomaly

54.1869, 0.3048, 0.3315



Tritanomaly

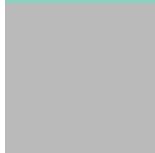
54.9042, 0.2646, 0.3236

Monochromacy



Original Color

55.1332, 0.2736, 0.3532



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

50.9859, 0.2967, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1332, 0.2736, 0.3532 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(136, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(136, 210, 192)  
}
```

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(136, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 210, 192) }
```

Border

The CSS property to change the border of an element to Yxy 55.1332, 0.2736, 0.3532 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(136, 210, 192) }
```

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

```
.border{ border-color:rgb(136, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 210, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 210, 192); box-shadow:4px 4px 4px 4px rgb(136, 210, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1332, 0.2736, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 210, 192) }
```

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

```
.background{ background-color: rgb(136,  
210, 192) }
```

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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