

Converting Colors

$Yxy(52.6762, 0.2738, 0.3589)$

Have a look what the booklet for
Yxy(52.6762, 0.2738, 0.3589)
contains.

Yxy(52.8743, 0.2737, 0.3594)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.8743, 0.2737, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	82CFB9
RGB	130, 207, 185
RGB Percent	51%, 81%, 73%
CMY	0.4905, 0.1882, 0.2745
CMYK	0.37, 0.00, 0.11, 0.19
HSL	163°, 45%, 66%
HSV	163°, 37%, 81%
XYZ	40.2663, 52.8743, 53.9777
YIQ	181.4690, -38.8300, -23.1660

Conversions

Conversions Part 2

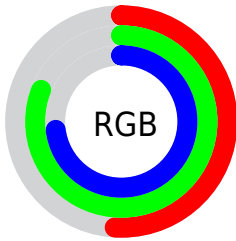
Format	Color
RYB	130, 175, 207
Decimal	8572857
CIELab	77.80, -28.79, 3.44
CIElCh	78, 28.994, 173.191
Yxy	52.8743, 0.2737, 0.3594
Android (android.graphics.Color)	4286762937 (0xFF82CFB9)
YUV	181.4690, 1.7408, -45.1383
Hunter-Lab	72.7147, -28.4052, 6.8881

Details

The Yxy color **52.8743, 0.2737, 0.3594** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.4788, 0.3766, 0.3011**, and the grayscale version is **46.4738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3100, 0.2801, 0.3441**, and **25.6589, 0.2631, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **51.1573, 0.2655, 0.3692**, and if you desaturate by 10%, it is **54.9352, 0.2831, 0.3503**.

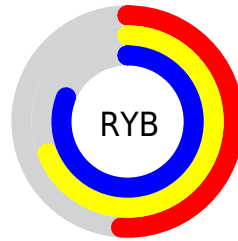
Distribution



Red (51%)

Green (81%)

Blue (73%)



Red (51%)

Yellow (69%)

Blue (81%)

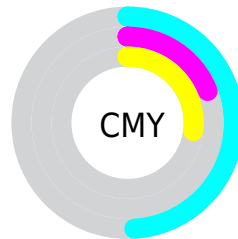


Cyan (37%)

Magenta (0%)

Yellow (11%)

Black (19%)



Cyan (49%)


Magenta (19%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8743, 0.2737, 0.3594 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 52.8743, 0.2737, 0.3594 by changing the saturation by 10% instead.


 52.8743, 0.2737,
0.3594

 52.8743, 0.2737,
0.3594


397.8027, 0.2929,
0.3443


 37.7024, 0.2690,
0.3631


 94.4194, 0.2806,
0.3539

 25.7518, 0.2631,
0.3679


 121.5614, 0.2832,
0.3519

 16.6381, 0.2553,
0.3742


 153.4622, 0.2854,
0.3501

 9.9768, 0.2446,
0.3830

190.5063, 0.2873,
0.3486

 5.3836, 0.2291,
0.3960

233.0779, 0.2890,
0.3473

 2.4740, 0.2047,
0.4170

281.5616, 0.2904,

 0.8636, 0.0702,

0.3462

0.5136

336.3418, 0.2917,
0.3452

0.0000, 0.0000,
0.0000

52.8743, 0.2737,
0.3594

52.8743, 0.2737,
0.3594

51.1573, 0.2655,
0.3692

54.9352, 0.2831,
0.3503

49.7578, 0.2589,
0.3794

57.3520, 0.2935,
0.3418

48.6558, 0.2540,
0.3900

60.1437, 0.3045,
0.3341

47.8262, 0.2511,
0.4009

63.3263, 0.3159,
0.3272

47.2399, 0.2502,
0.4117

66.9148, 0.3274,
0.3209

■ 46.8570, 0.2511,
0.4224

■ 70.9232, 0.3390,
0.3154

■ 46.7681, 0.2515,
0.4253

■ 71.4066, 0.3353,
0.3095

■ 71.7377, 0.3309,
0.3037

■ 72.0801, 0.3267,
0.2980

Harmonies

Analogous

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



52.8743, 0.3097, 0.3891



52.8743, 0.2737, 0.3594



52.8743, 0.2490, 0.3215

Triad

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



52.8743, 0.2737, 0.3594



52.8743, 0.2753, 0.2664



52.8743, 0.3904, 0.3620

Complementary

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



52.8743, 0.2737, 0.3594



31.4788, 0.3766, 0.3011

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.



52.8743, 0.3805, 0.3306



52.8743, 0.2737, 0.3594



52.8743, 0.3119, 0.2776

Square

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



52.8743, 0.2737, 0.3594



52.8743, 0.2500, 0.2698



52.8743, 0.3510, 0.3005



52.8743, 0.3779, 0.3877

Rectangle

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



52.8743, 0.2737, 0.3594



52.8743, 0.2415, 0.2985



52.8743, 0.3510, 0.3005



52.8743, 0.3896, 0.3518

Sweetspot

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



52.8764, 0.2737, 0.3594



94.5573, 0.3001, 0.3370



53.0212, 0.3243, 0.4355



20.1070, 0.2986, 0.3381



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.



52.8764, 0.2737, 0.3594



82.4028, 0.2668, 0.3675



46.7692, 0.2580, 0.3077



13.3471, 0.3021, 0.3357



29.4775, 0.2511, 0.4238



1.6615, 0.2456, 0.4042

Inverse Universe

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



31.4788, 0.3766, 0.3011



43.1077, 0.3983, 0.2950



35.2337, 0.3956, 0.3490



11.8630, 0.3246, 0.3224



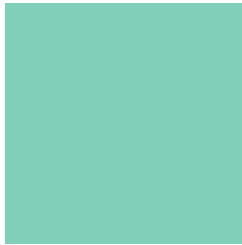
8.5719, 0.5796, 0.2966



0.4930, 0.5263, 0.2673

Previews

White Background



This preview shows how the Yxy color 52.8743, 0.2737, 0.3594 looks on a white background.

Color Contrast Check

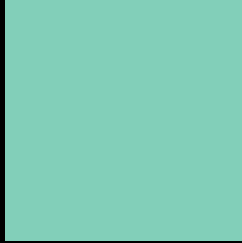
Large Text (above 18pt) WCAG AA × Fail

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 52.8743, 0.2737, 0.3594 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

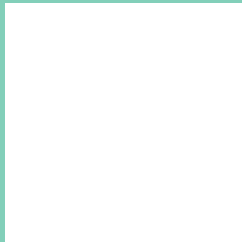
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8743, 0.2737, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 52.8743, 0.2737, 0.3594.



This preview shows how white text looks on a background with the Yxy color 52.8743, 0.2737, 0.3594.

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

52.8743, 0.2737, 0.3594

Protanopia

52.4020, 0.3301, 0.3477

Deuteranopia

52.1173, 0.3299, 0.3231



Tritanopia

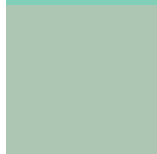
52.7063, 0.2586, 0.3080

Trichromacy



Original Color

52.8743, 0.2737, 0.3594



Protanomaly

52.0714, 0.3069, 0.3525



Deuteranomaly

51.5945, 0.3068, 0.3354



Tritanomaly

52.7929, 0.2640, 0.3262

Monochromacy



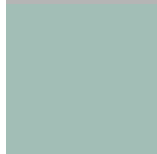
Original Color

52.8743, 0.2737, 0.3594



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

47.8857, 0.2963, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8743, 0.2737, 0.3594 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(130, 207, 185)` looks like.

```
.text, #text, p{  
    color:rgb(130, 207, 185)  
}
```

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(130, 207, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 207, 185) }
```

Border

The CSS property to change the border of an element to Yxy 52.8743, 0.2737, 0.3594 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(130, 207, 185) }
```

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

```
.border{ border-color:rgb(130, 207, 185) }
```

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

Here you see how a box with a 4 pixel rgb(130, 207, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 207, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 207, 185);  
box-shadow:4px 4px 4px 4px rgb(130, 207,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8743, 0.2737, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 207, 185) }
```

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

```
.background{ background-color: rgb(130,  
207, 185) }
```

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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