

Converting Colors

$Y_{xy}(42.1205, 0.2575, 0.3546)$

Have a look what the booklet for
Yxy(42.1205, 0.2575, 0.3546)
contains.

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Color

Yxy(42.2769, 0.2577, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	5FBEAD
RGB	95, 190, 173
RGB Percent	37%, 75%, 68%
CMY	0.6276, 0.2549, 0.3216
CMYK	0.50, 0.00, 0.09, 0.25
HSL	169°, 42%, 56%
HSV	169°, 50%, 75%
XYZ	30.6722, 42.2769, 46.0737
YIQ	159.6570, -51.1630, -25.4270

Conversions

Conversions Part 2

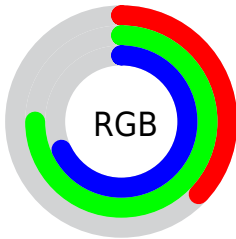
Format	Color
RYB	95, 147, 190
Decimal	6274733
CIELab	71.06, -32.31, -0.04
CIElCh	71, 32.308, 180.080
Yxy	42.2769, 0.2577, 0.3552
Android (android.graphics.Color)	4284464813 (0xFF5FBEAD)
YUV	159.6570, 6.5781, -56.7042
Hunter-Lab	65.0207, -29.5825, 3.5015

Details

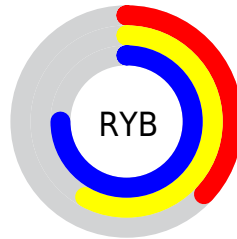
The Yxy color **42.2769, 0.2577, 0.3552** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **20.2967, 0.4261, 0.3061**, and the grayscale version is **34.9716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7984, 0.2683, 0.3511**, and **19.3121, 0.2416, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **41.2525, 0.2506, 0.3614**, and if you desaturate by 10%, it is **43.5561, 0.2664, 0.3492**.

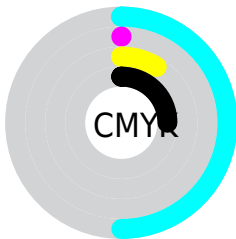
Distribution



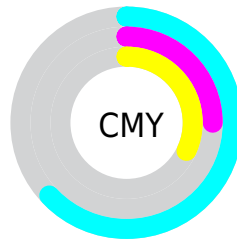
- Red (37%)
- Green (75%)
- Blue (68%)



- Red (37%)
- Yellow (58%)
- Blue (75%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)




- Cyan (63%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2769, 0.2577, 0.3552 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 42.2769, 0.2577, 0.3552 by changing the saturation by 10% instead.


 42.2769, 0.2577,
0.3552


 42.2769, 0.2577,
0.3552


355.6295, 0.2855,
0.3420

 29.3182, 0.2507,
0.3585


 78.6185, 0.2679,
0.3504


 19.3216, 0.2417,
0.3628


 102.7702, 0.2716,
0.3486

 11.9029, 0.2296,
0.3686


 131.4217, 0.2749,
0.3470

 6.6776, 0.2127,
0.3766

 164.9573, 0.2776,
0.3457

 3.2613, 0.1875,
0.3885

203.7615, 0.2800,
0.3446

 1.2696, 0.1238,
0.4188

248.2187, 0.2820,


 0.1175, 0.0000,


0.3436


0.4727


298.7132, 0.2839,
0.3428


 0.0000, 0.0000,
0.0000


 42.2769, 0.2577,
0.3552


 42.2769, 0.2577,
0.3552


 41.2525, 0.2506,
0.3614


 43.5561, 0.2664,
0.3492


 40.4595, 0.2454,
0.3678


 45.1017, 0.2765,
0.3436

 39.8786, 0.2421,
0.3742

 46.9303, 0.2878,
0.3383

 39.4851, 0.2407,
0.3806

 49.0561, 0.3000,
0.3334

 39.2304, 0.2408,
0.3870

 51.4921, 0.3127,
0.3290

■ 54.2504, 0.3257,
0.3250

■ 57.3428, 0.3389,
0.3214

■ 60.7802, 0.3520,
0.3183

■ 62.4315, 0.3558,
0.3151

Harmonies

Analogous

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



42.2769, 0.2980, 0.3956



42.2769, 0.2577, 0.3552



42.2769, 0.2330, 0.3092

Triad

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



42.2769, 0.2577, 0.3552



42.2769, 0.2769, 0.2566



42.2769, 0.4047, 0.3753

Complementary

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



42.2769, 0.2577, 0.3552



20.2967, 0.4261, 0.3061

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.



42.2769, 0.3994, 0.3387



42.2769, 0.2577, 0.3552



42.2769, 0.3224, 0.2734

Square

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



42.2769, 0.2577, 0.3552



42.2769, 0.2435, 0.2561



42.2769, 0.3684, 0.3025



42.2769, 0.3837, 0.4038

Rectangle

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



42.2769, 0.2577, 0.3552



42.2769, 0.2275, 0.2838



42.2769, 0.3684, 0.3025



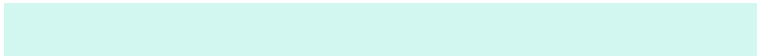
42.2769, 0.4060, 0.3636

Sweetspot

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



42.2786, 0.2577, 0.3552



86.8072, 0.2935, 0.3359



41.1268, 0.3177, 0.4801



18.8848, 0.2910, 0.3370



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



42.2786, 0.2577, 0.3552



74.5936, 0.2501, 0.3620



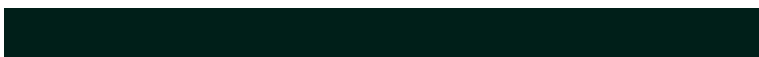
31.2607, 0.2390, 0.2812



10.7794, 0.3008, 0.3331



26.0940, 0.2406, 0.3861



1.0299, 0.2364, 0.3709

Inverse Universe

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



20.2967, 0.4261, 0.3061



30.2440, 0.4673, 0.3028



26.4576, 0.4291, 0.3705



9.5635, 0.3261, 0.3249



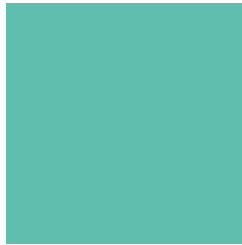
7.3646, 0.6104, 0.3136



0.2971, 0.5479, 0.2792

Previews

White Background



This preview shows how the Yxy color 42.2769, 0.2577, 0.3552 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 42.2769, 0.2577, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

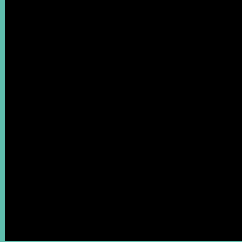
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

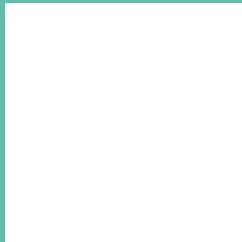
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2769, 0.2577, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 42.2769, 0.2577, 0.3552.



This preview shows how white text looks on a background with the Yxy color 42.2769, 0.2577, 0.3552.

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

42.2769, 0.2577, 0.3552

Protanopia

41.6144, 0.3258, 0.3413

Deuteranopia

41.7844, 0.3216, 0.3159



Tritanopia

42.2779, 0.2455, 0.3070

Trichromacy



Original Color

42.2769, 0.2577, 0.3552

Protanomaly

41.3261, 0.2959, 0.3464

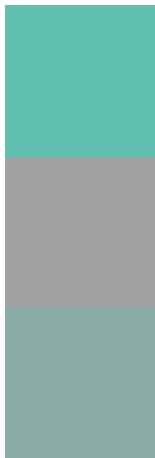
Deuteranomaly

41.0553, 0.2940, 0.3289

Tritanomaly

42.0689, 0.2497, 0.3228

Monochromacy



Original Color

42.2769, 0.2577, 0.3552

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

37.0767, 0.2873, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2769, 0.2577, 0.3552 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(95, 190, 173)` looks like.

```
.text, #text, p{  
    color:rgb(95, 190, 173)  
}
```

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(95, 190, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 190, 173) }
```

Border

The CSS property to change the border of an element to Yxy 42.2769, 0.2577, 0.3552 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(95, 190, 173) }
```

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

```
.border{ border-color:rgb(95, 190, 173) }
```

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

Here you see how a box with a 4 pixel rgb(95, 190, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 190, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 190, 173);  
box-shadow:4px 4px 4px 4px rgb(95, 190,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2769, 0.2577, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 190, 173) }
```

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

```
.background{ background-color: rgb(95, 190,  
173) }
```

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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