

Converting Colors

$Yxy(57.6096, 0.2561, 0.4061)$

Have a look what the booklet for
Yxy(57.6096, 0.2561, 0.4061)
contains.

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Color

Yxy(57.3754, 0.2562, 0.4062)

Conversions

Conversions Part 1

Format	Color
Hex	41E0AB
RGB	65, 224, 171
RGB Percent	25%, 88%, 67%
CMY	0.7448, 0.1216, 0.3295
CMYK	0.71, 0.00, 0.24, 0.12
HSL	160°, 72%, 57%
HSV	160°, 71%, 88%
XYZ	36.1880, 57.3754, 47.6857
YIQ	170.4170, -77.7510, -50.1910

Conversions

Conversions Part 2

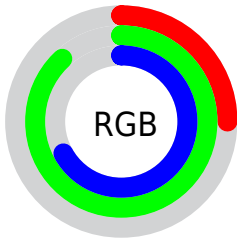
Format	Color
R _{YB}	65, 160, 224
Decimal	4317355
CIE Lab	80.39, -53.08, 14.31
CIE LCh	80, 54.978, 164.915
Yxy	57.3754, 0.2562, 0.4062
Android (android.graphics.Color)	4282507435 (0xFF41E0AB)
YUV	170.4170, 0.2874, -92.4507
Hunter-Lab	75.7466, -47.2778, 15.6970

Details

The Yxy color **57.3754, 0.2562, 0.4062** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **20.9462, 0.4714, 0.2750**, and the grayscale version is **40.4550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9165, 0.2616, 0.3631**, and **29.3372, 0.2517, 0.4260** is the 20% darker color. If you saturate the color by 10%, you get **56.4810, 0.2545, 0.4191**, and if you desaturate by 10%, it is **58.5935, 0.2599, 0.3934**.

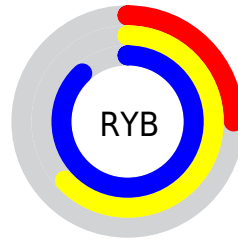
Distribution



Red (25%)

Green (88%)

Blue (67%)



Red (25%)

Yellow (63%)

Blue (88%)

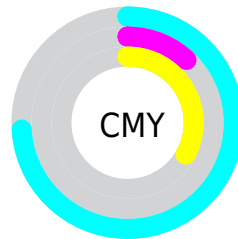


Cyan (71%)

Magenta (0%)

Yellow (24%)

Black (12%)



Cyan (74%)


Magenta (12%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3754, 0.2562, 0.4062 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 57.3754, 0.2562, 0.4062 by changing the saturation by 10% instead.


 57.3754, 0.2562,
0.4062

 57.3754, 0.2562,
0.4062

414.8545, 0.2842,
0.3671

 41.3067, 0.2493,
0.4161


 101.0127, 0.2663,
0.3919


 28.5588, 0.2405,
0.4288


 129.3502, 0.2701,
0.3866

 18.7473, 0.2290,
0.4458


 162.5460, 0.2734,
0.3820

 11.4878, 0.2131,
0.4697

 200.9846, 0.2762,
0.3782

 6.3960, 0.1903,
0.5052

245.0503, 0.2786,
0.3749

 3.0873, 0.1550,
0.5630

295.1276, 0.2807,

 1.1775, 0.0000,

0.3719

0.8236

351.6009, 0.2826,
0.3694

■ 0.0432, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3754, 0.2562,
0.4062

■ 57.3754, 0.2562,
0.4062

■ 56.4810, 0.2545,
0.4191

■ 58.5935, 0.2599,
0.3934


■ 55.8650, 0.2548,
0.4319

■ 60.1606, 0.2655,
0.3810

■ 55.4906, 0.2565,
0.4434

■ 62.1074, 0.2727,
0.3691


■ 64.4589, 0.2812,
0.3580

 67.2384, 0.2908,
0.3477

 70.4669, 0.3010,
0.3383

 74.1645, 0.3117,
0.3298

 78.3496, 0.3226,
0.3221

 80.7587, 0.3251,
0.3150

Harmonies

Analogous

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



57.3754, 0.3223, 0.4552



57.3754, 0.2562, 0.4062



57.3754, 0.2087, 0.3309

Triad

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



57.3754, 0.2562, 0.4062



57.3754, 0.2308, 0.2196



57.3754, 0.4549, 0.3658

Complementary

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



57.3754, 0.2562, 0.4062



20.9462, 0.4714, 0.2750

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.



57.3754, 0.4265, 0.3128



57.3754, 0.2562, 0.4062



57.3754, 0.2896, 0.2331

Square

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



57.3754, 0.2562, 0.4062



57.3754, 0.1964, 0.2295



57.3754, 0.3627, 0.2661



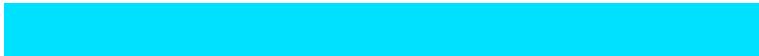
57.3754, 0.4392, 0.4175

Rectangle

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



57.3754, 0.2562, 0.4062



57.3754, 0.1921, 0.2853



57.3754, 0.3627, 0.2661



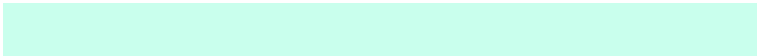
57.3754, 0.4504, 0.3479

Sweetspot

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



57.3777, 0.2562, 0.4062



90.1223, 0.2906, 0.3479



57.7373, 0.3299, 0.5372



19.0559, 0.2878, 0.3507



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.



57.3777, 0.2562, 0.4062



75.3430, 0.2544, 0.4251



47.8914, 0.2242, 0.2955



15.4905, 0.3026, 0.3369



32.3214, 0.2560, 0.4414



2.2568, 0.2505, 0.4219

Inverse Universe

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



20.9462, 0.4714, 0.2750



23.8002, 0.5224, 0.2776



23.3597, 0.5320, 0.3524



13.7756, 0.3240, 0.3212



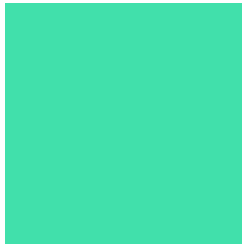
9.5369, 0.5631, 0.2876



0.6773, 0.5196, 0.2636

Previews

White Background



This preview shows how the Yxy color 57.3754, 0.2562, 0.4062 looks on a white background.

Color Contrast Check

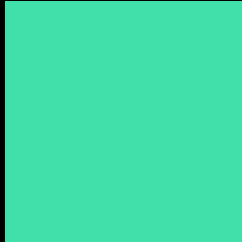
Large Text (above 18pt) WCAG AA × Fail

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 57.3754, 0.2562, 0.4062 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

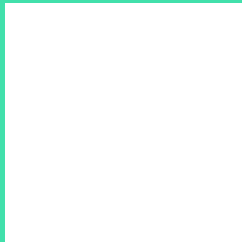
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3754, 0.2562, 0.4062

Background



This preview shows how black text looks on a background with the Yxy color 57.3754, 0.2562, 0.4062.

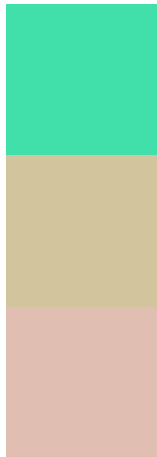


This preview shows how white text looks on a background with the Yxy color 57.3754, 0.2562, 0.4062.

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

57.3754, 0.2562, 0.4062

Protanopia

56.1028, 0.3533, 0.3760

Deuteranopia

56.3232, 0.3507, 0.3441



Tritanopia

57.3221, 0.2342, 0.3066

Trichromacy



Original Color

57.3754, 0.2562, 0.4062



Protanomaly

54.4381, 0.3056, 0.3884



Deuteranomaly

53.9140, 0.3042, 0.3659



Tritanomaly

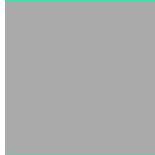
57.1552, 0.2419, 0.3411

Monochromacy



Original Color

57.3754, 0.2562, 0.4062



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

44.6347, 0.2824, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3754, 0.2562, 0.4062 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(65, 224, 171)` looks like.

```
.text, #text, p{  
    color:rgb(65, 224, 171)  
}
```

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(65, 224, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 224, 171) }
```

Border

The CSS property to change the border of an element to Yxy 57.3754, 0.2562, 0.4062 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(65, 224, 171) }
```

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

```
.border{ border-color:rgb(65, 224, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 224, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 224, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 224, 171);  
box-shadow:4px 4px 4px 4px rgb(65, 224,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3754, 0.2562, 0.4062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 224, 171) }
```

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

```
.background{ background-color: rgb(65, 224,  
171) }
```

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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