

Converting Colors

$Yxy(52.5729, 0.2735, 0.4218)$

Have a look what the booklet for
Yxy(52.5729, 0.2735, 0.4218)
contains.

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Color

Yxy(52.6354, 0.2734, 0.4217)

Conversions

Conversions Part 1

Format	Color
Hex	5CD698
RGB	92, 214, 152
RGB Percent	36%, 84%, 60%
CMY	0.6393, 0.1608, 0.4040
CMYK	0.57, 0.00, 0.29, 0.16
HSL	149°, 60%, 60%
HSV	149°, 57%, 84%
XYZ	34.1250, 52.6354, 38.0568
YIQ	170.4540, -52.8100, -45.1460

Conversions

Conversions Part 2

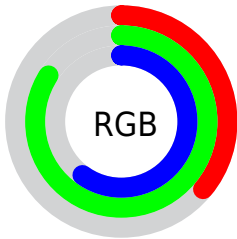
Format	Color
RYB	92, 174, 214
Decimal	6084248
CIELab	77.66, -48.33, 20.60
CIElCh	78, 52.540, 156.916
Yxy	52.6354, 0.2734, 0.4217
Android (android.graphics.Color)	4284274328 (0xFF5CD698)
YUV	170.4540, -9.0978, -68.8042
Hunter-Lab	72.5503, -43.0030, 19.6842

Details

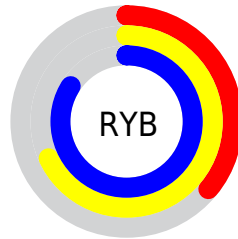
The Yxy color **52.6354, 0.2734, 0.4217** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **24.2829, 0.3937, 0.2557**, and the grayscale version is **40.5014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5555, 0.2796, 0.3869**, and **25.5035, 0.2606, 0.4494** is the 20% darker color. If you saturate the color by 10%, you get **51.3466, 0.2703, 0.4416**, and if you desaturate by 10%, it is **54.2723, 0.2781, 0.4024**.

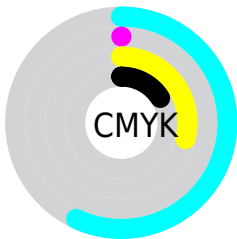
Distribution



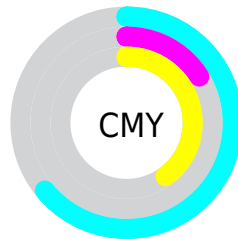
- Red (36%)
- Green (84%)
- Blue (60%)



- Red (36%)
- Yellow (68%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6354, 0.2734, 0.4217 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 52.6354, 0.2734, 0.4217 by changing the saturation by 10% instead.


 52.6354, 0.2734,
0.4217


 52.6354, 0.2734,
0.4217


396.8847, 0.2939,
0.3736

 37.5118, 0.2680,
0.4342


 94.0676, 0.2811,
0.4038

 25.6040, 0.2609,
0.4506


 121.1451, 0.2839,
0.3972

 16.5276, 0.2513,
0.4728

 152.9759, 0.2862,
0.3917

 9.8983, 0.2374,
0.5046

 189.9445, 0.2883,
0.3870

 5.3316, 0.2159,
0.5533

232.4353, 0.2900,
0.3830

 2.4431, 0.1780,
0.6413

280.8327, 0.2915,

 0.8479, 0.0000,

0.3794

1.0000

335.5210, 0.2928,
0.3763

0.0000, 0.0000,
0.0000

52.6354, 0.2734,
0.4217

52.6354, 0.2734,
0.4217

51.3466, 0.2703,
0.4416

54.2723, 0.2781,
0.4024

50.3718, 0.2692,
0.4617

56.2757, 0.2841,
0.3842

49.6806, 0.2700,
0.4812

58.6700, 0.2912,
0.3673

49.2304, 0.2727,
0.4998

61.4757, 0.2989,
0.3518

49.1210, 0.2737,
0.5052

64.7118, 0.3069,
0.3379

■ 68.3963, 0.3152,
0.3254

■ 72.5458, 0.3234,
0.3144

■ 75.5892, 0.3255,
0.3042

■ 76.2518, 0.3180,
0.2938

Harmonies

Analogous

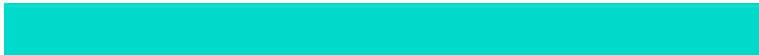
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.6354, 0.3407, 0.4576



52.6354, 0.2734, 0.4217



52.6354, 0.2203, 0.3509

Triad

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



52.6354, 0.2734, 0.4217



52.6354, 0.2205, 0.2214



52.6354, 0.4494, 0.3513

Complementary

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



52.6354, 0.2734, 0.4217



24.2829, 0.3937, 0.2557

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.



52.6354, 0.4104, 0.2999



52.6354, 0.2734, 0.4217



52.6354, 0.2726, 0.2288

Square

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



52.6354, 0.2734, 0.4217



52.6354, 0.1934, 0.2381



52.6354, 0.3426, 0.2567



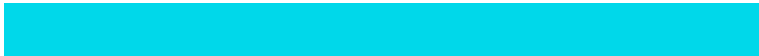
52.6354, 0.4453, 0.4035

Rectangle

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



52.6354, 0.2734, 0.4217



52.6354, 0.1989, 0.3030



52.6354, 0.3426, 0.2567



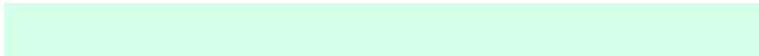
52.6354, 0.4410, 0.3337

Sweetspot

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



52.6375, 0.2734, 0.4217



91.3462, 0.2987, 0.3521



55.8407, 0.3460, 0.4891



19.3602, 0.2971, 0.3551



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.



52.6375, 0.2734, 0.4217



76.0805, 0.2700, 0.4450



55.1233, 0.2427, 0.3316



13.9967, 0.3050, 0.3411



29.7093, 0.2729, 0.5026



1.8086, 0.2640, 0.4705

Inverse Universe

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



24.2829, 0.3937, 0.2557



30.1272, 0.4198, 0.2457



22.7578, 0.4828, 0.3272



12.5251, 0.3212, 0.3172



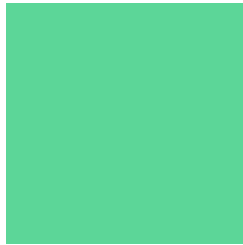
9.3268, 0.4912, 0.2480



0.5793, 0.4539, 0.2274

Previews

White Background



This preview shows how the Yxy color 52.6354, 0.2734, 0.4217 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 52.6354, 0.2734, 0.4217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

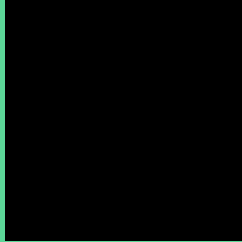
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6354, 0.2734, 0.4217

Background



This preview shows how black text looks on a background with the Yxy color 52.6354, 0.2734, 0.4217.



This preview shows how white text looks on a background with the Yxy color 52.6354, 0.2734, 0.4217.

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

52.6354, 0.2734, 0.4217

Protanopia

51.5874, 0.3637, 0.3898

Deuteranopia

51.5858, 0.3653, 0.3576



Tritanopia

52.4473, 0.2442, 0.3062

Trichromacy



Original Color

52.6354, 0.2734, 0.4217



Protanomaly

50.6777, 0.3232, 0.4030



Deuteranomaly

49.8681, 0.3241, 0.3800



Tritanomaly

52.1462, 0.2539, 0.3443

Monochromacy



Original Color

52.6354, 0.2734, 0.4217



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

43.5129, 0.2943, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6354, 0.2734, 0.4217 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(92, 214, 152)` looks like.

```
.text, #text, p{  
    color:rgb(92, 214, 152)  
}
```

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(92, 214, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 214, 152) }
```

Border

The CSS property to change the border of an element to Yxy 52.6354, 0.2734, 0.4217 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(92, 214, 152) }
```

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

```
.border{ border-color:rgb(92, 214, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 214, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 214, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 214, 152); box-shadow:4px 4px 4px 4px rgb(92, 214, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6354, 0.2734, 0.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 214, 152) }
```

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

```
.background{ background-color: rgb(92, 214,  
152) }
```

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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