

Converting Colors

$Yxy(55.0707, 0.2733, 0.3368)$

Have a look what the booklet for
Yxy(55.0707, 0.2733, 0.3368)
contains.

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Color

Yxy(54.8624, 0.2734, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	91CFC9
RGB	145, 207, 201
RGB Percent	57%, 81%, 79%
CMY	0.4313, 0.1882, 0.2118
CMYK	0.30, 0.00, 0.03, 0.19
HSL	174°, 39%, 69%
HSV	174°, 30%, 81%
XYZ	44.5350, 54.8624, 63.4957
YIQ	187.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

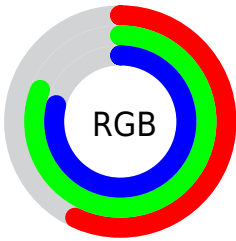
Format	Color
RYB	145, 178, 207
Decimal	9555913
CIELab	78.96, -20.97, -3.37
CIElCh	79, 21.236, 189.119
Yxy	54.8624, 0.2734, 0.3368
Android (android.graphics.Color)	4287745993 (0xFF91CFC9)
YUV	187.7780, 6.5184, -37.5163
Hunter-Lab	74.0692, -22.2957, 1.0221

Details

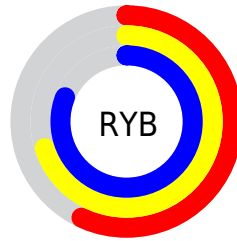
The Yxy color **54.8624, 0.2734, 0.3368** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7600, 0.3727, 0.3215**, and the grayscale version is **50.1379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **26.8384, 0.2632, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **53.0581, 0.2624, 0.3398**, and if you desaturate by 10%, it is **57.0150, 0.2856, 0.3340**.

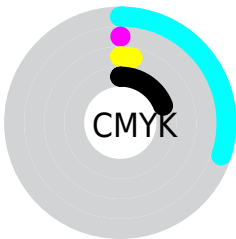
Distribution



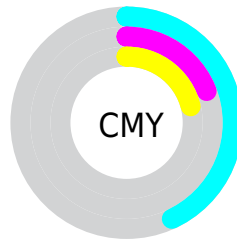
- Red (57%)
- Green (81%)
- Blue (79%)



- Red (57%)
- Yellow (70%)
- Blue (81%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)





- Cyan (43%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8624, 0.2734, 0.3368 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 54.8624, 0.2734, 0.3368 by changing the saturation by 10% instead.


 54.8624, 0.2734,
0.3368

 54.8624, 0.2734,
0.3368


405.3901, 0.2924,
0.3332

 39.2916, 0.2689,
0.3376


 97.3393, 0.2801,
0.3356

 26.9866, 0.2632,
0.3386


 125.0142, 0.2827,
0.3351

 17.5632, 0.2557,
0.3398


157.4925, 0.2849,
0.3347

 10.6368, 0.2458,
0.3414

195.1588, 0.2868,
0.3343

 5.8232, 0.2316,
0.3435

238.3972, 0.2885,
0.3340

 2.7379, 0.2100,
0.3463

287.5923, 0.2899,

 0.9965, 0.1547,

0.3337

0.3575

343.1285, 0.2912,
0.3334

0.0000, 0.0000,
0.0000

54.8624, 0.2734,
0.3368

54.8624, 0.2734,
0.3368

53.0581, 0.2624,
0.3398

57.0150, 0.2856,
0.3340

51.5768, 0.2530,
0.3429

59.5264, 0.2989,
0.3314

50.4003, 0.2454,
0.3462

62.4150, 0.3128,
0.3290

49.5060, 0.2396,
0.3495

65.6958, 0.3272,
0.3268

48.8679, 0.2357,
0.3528

69.3830, 0.3417,
0.3249

■ 48.4554, 0.2337,
0.3562

■ 70.6913, 0.3452,
0.3230

■ 48.2122, 0.2332,
0.3594

■ 70.7939, 0.3437,
0.3209

■ 48.2108, 0.2332,
0.3595

■ 70.8977, 0.3422,
0.3189

■ 71.0027, 0.3407,
0.3169

Harmonies

Analogous

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



54.8624, 0.2963, 0.3619



54.8624, 0.2734, 0.3368



54.8624, 0.2610, 0.3107

Triad

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



54.8624, 0.2734, 0.3368



54.8624, 0.2992, 0.2858



54.8624, 0.3661, 0.3645

Complementary

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



54.8624, 0.2734, 0.3368



35.7600, 0.3727, 0.3215

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.



54.8624, 0.3673, 0.3433



54.8624, 0.2734, 0.3368



54.8624, 0.3278, 0.2992

Square

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



54.8624, 0.2734, 0.3368



54.8624, 0.2754, 0.2827



54.8624, 0.3531, 0.3198



54.8624, 0.3500, 0.3775

Rectangle

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



54.8624, 0.2734, 0.3368



54.8624, 0.2600, 0.2967



54.8624, 0.3531, 0.3198



54.8624, 0.3683, 0.3581

Sweetspot

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



54.8646, 0.2734, 0.3368



95.7617, 0.3000, 0.3312



53.2716, 0.3132, 0.4147



20.3605, 0.2980, 0.3315



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.



54.8646, 0.2734, 0.3368



85.9878, 0.2661, 0.3387



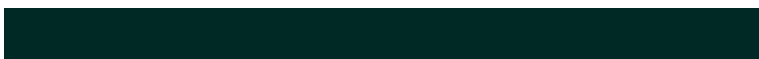
44.0696, 0.2661, 0.2953



13.3865, 0.2996, 0.3312



30.3828, 0.2331, 0.3590



1.7047, 0.2314, 0.3529

Inverse Universe

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



35.7600, 0.3727, 0.3215



50.5078, 0.3916, 0.3199



43.9912, 0.3701, 0.3603



11.8266, 0.3276, 0.3268



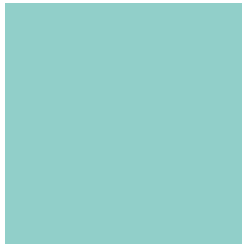
8.3961, 0.6280, 0.3233



0.4760, 0.5947, 0.3050

Previews

White Background



This preview shows how the Yxy color 54.8624, 0.2734, 0.3368 looks on a white background.

Color Contrast Check

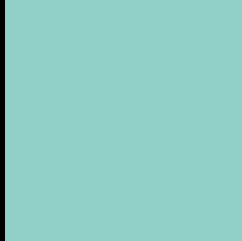
Large Text (above 18pt) WCAG AA × Fail

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 54.8624, 0.2734, 0.3368 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

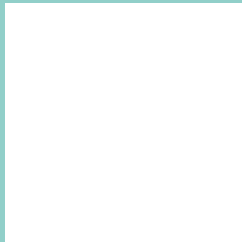
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8624, 0.2734, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 54.8624, 0.2734, 0.3368.

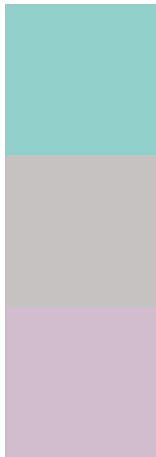


This preview shows how white text looks on a background with the Yxy color 54.8624, 0.2734, 0.3368.

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

54.8624, 0.2734, 0.3368

Protanopia

54.4396, 0.3167, 0.3302

Deuteranopia

54.3583, 0.3169, 0.3103



Tritanopia

54.7426, 0.2643, 0.3085

Trichromacy



Original Color

54.8624, 0.2734, 0.3368

Protanomaly

54.4161, 0.2995, 0.3327

Deuteranomaly

54.2786, 0.2992, 0.3191

Tritanomaly

54.7626, 0.2679, 0.3186

Monochromacy



Original Color

54.8624, 0.2734, 0.3368

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.6511, 0.2962, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8624, 0.2734, 0.3368 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(145, 207, 201)` looks like.

```
.text, #text, p{  
    color:rgb(145, 207, 201)  
}
```

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(145, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 207, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.8624, 0.2734, 0.3368 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(145, 207, 201) }
```

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

```
.border{ border-color:rgb(145, 207, 201) }
```

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

Here you see how a box with a 4 pixel rgb(145, 207, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(145, 207,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8624, 0.2734, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 207, 201) }
```

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

```
.background{ background-color: rgb(145,  
207, 201) }
```

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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