

Converting Colors

Yxy(54.1846, 0.2943, 0.3322)

Have a look what the booklet for
Yxy(54.1846, 0.2943, 0.3322)
contains.

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Color

Yxy(54.2240, 0.2944, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	ADC8C5
RGB	173, 200, 197
RGB Percent	68%, 78%, 77%
CMY	0.3215, 0.2157, 0.2276
CMYK	0.13, 0.00, 0.02, 0.22
HSL	173°, 20%, 73%
HSV	173°, 13%, 78%
XYZ	47.9674, 54.2240, 60.7413
YIQ	191.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

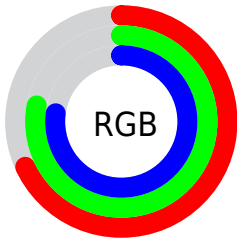
Format	Color
RYB	173, 187, 200
Decimal	11389125
CIELab	78.59, -9.64, -1.55
CIElCh	79, 9.767, 189.138
Yxy	54.2240, 0.2944, 0.3328
Android (android.graphics.Color)	4289579205 (0xFFADC8C5)
YUV	191.5850, 2.6696, -16.2990
Hunter-Lab	73.6369, -12.5891, 2.6390

Details

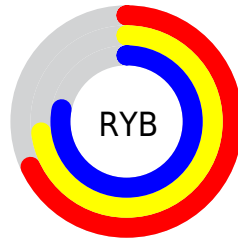
The Yxy color **54.2240, 0.2944, 0.3328** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.3150, 0.3346, 0.3253**, and the grayscale version is **52.4514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3338, 0.2975, 0.3300**, and **26.5340, 0.2894, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **52.0115, 0.2817, 0.3359**, and if you desaturate by 10%, it is **56.7839, 0.3079, 0.3299**.

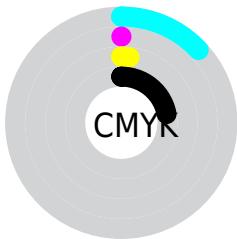
Distribution



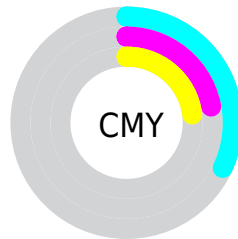
- Red (68%)
- Green (78%)
- Blue (77%)



- Red (68%)
- Yellow (73%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)




- Cyan (32%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2240, 0.2944, 0.3328 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 54.2240, 0.2944, 0.3328 by changing the saturation by 10% instead.

 54.2240, 0.2944,
0.3328

 54.2240, 0.2944,
0.3328

402.9636, 0.3033,
0.3310

 38.7808, 0.2923,
0.3332


 96.4031, 0.2976,
0.3322

 26.5892, 0.2895,
0.3338


123.9077, 0.2988,
0.3319

 17.2650, 0.2860,
0.3344


156.2016, 0.2998,
0.3317

 10.4236, 0.2811,
0.3354

193.6691, 0.3007,
0.3315

 5.6807, 0.2742,
0.3366

236.6947, 0.3015,
0.3314

 2.6519, 0.2633,
0.3386

285.6627, 0.3022,

 0.9528, 0.2408,

0.3312

0.3431

340.9575, 0.3028,
0.3311

0.0000, 0.0000,
0.0000

54.2240, 0.2944,
0.3328

54.2240, 0.2944,
0.3328

52.0115, 0.2817,
0.3359

56.7839, 0.3079,
0.3299

50.1245, 0.2701,
0.3393

59.6985, 0.3219,
0.3273

48.5489, 0.2598,
0.3428

62.9835, 0.3361,
0.3250

47.2672, 0.2511,
0.3466

66.6516, 0.3504,
0.3229

46.2599, 0.2442,
0.3504

67.1335, 0.3502,
0.3207

■ 45.5053, 0.2392,
0.3543

■ 67.2451, 0.3484,
0.3184

■ 44.9782, 0.2361,
0.3582

■ 67.3583, 0.3466,
0.3161

■ 44.6484, 0.2348,
0.3620

■ 67.4731, 0.3449,
0.3138

■ 44.5036, 0.2346,
0.3645

■ 67.5895, 0.3432,
0.3116

Harmonies

Analogous

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



54.2240, 0.3053, 0.3438



54.2240, 0.2944, 0.3328



54.2240, 0.2884, 0.3210

Triad

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



54.2240, 0.2944, 0.3328



54.2240, 0.3067, 0.3085



54.2240, 0.3372, 0.3459

Complementary

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



54.2240, 0.2944, 0.3328



45.3150, 0.3346, 0.3253

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.



54.2240, 0.3377, 0.3362



54.2240, 0.2944, 0.3328



54.2240, 0.3198, 0.3149

Square

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



54.2240, 0.2944, 0.3328



54.2240, 0.2954, 0.3072



54.2240, 0.3313, 0.3249



54.2240, 0.3301, 0.3513

Rectangle

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



54.2240, 0.2944, 0.3328



54.2240, 0.2879, 0.3143



54.2240, 0.3313, 0.3249



54.2240, 0.3382, 0.3430

Sweetspot

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



54.2263, 0.2944, 0.3328



98.0429, 0.3071, 0.3301



53.5778, 0.3135, 0.3640



20.9089, 0.3060, 0.3303



0.0000, 0.0000, 0.0000



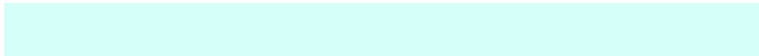
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2263, 0.2944, 0.3328



92.7743, 0.2908, 0.3336



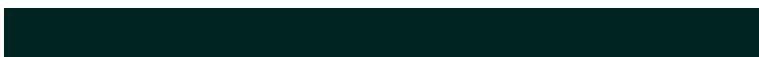
49.7383, 0.2920, 0.3157



12.0462, 0.2999, 0.3316



28.3051, 0.2344, 0.3640



1.3463, 0.2322, 0.3559

Inverse Universe

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



45.3150, 0.3346, 0.3253



74.5577, 0.3398, 0.3244



49.3169, 0.3354, 0.3420



10.6560, 0.3272, 0.3264



7.8525, 0.6251, 0.3217



0.3785, 0.5834, 0.2987

Previews

White Background



This preview shows how the Yxy color 54.2240, 0.2944, 0.3328 looks on a white background.

Color Contrast Check

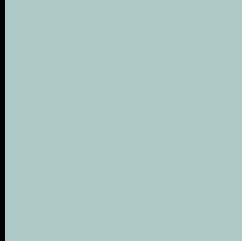
Large Text (above 18pt) WCAG AA × Fail

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 54.2240, 0.2944, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

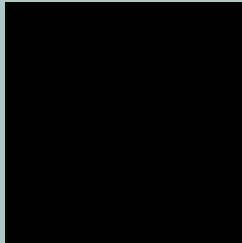
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

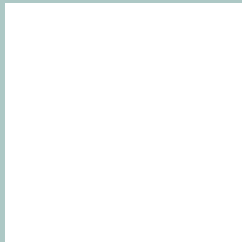
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2240, 0.2944, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 54.2240, 0.2944, 0.3328.

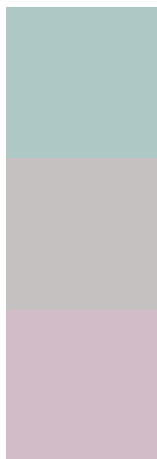


This preview shows how white text looks on a background with the Yxy color 54.2240, 0.2944, 0.3328.

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

54.2240, 0.2944, 0.3328

Protanopia

53.9960, 0.3168, 0.3290

Deuteranopia

53.7916, 0.3224, 0.3161



Tritanopia

54.4224, 0.2858, 0.3104

Trichromacy



Original Color

54.2240, 0.2944, 0.3328

Protanomaly

54.1937, 0.3087, 0.3315

Deuteranomaly

53.6468, 0.3123, 0.3217

Tritanomaly

54.4658, 0.2891, 0.3189

Monochromacy



Original Color

54.2240, 0.2944, 0.3328

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2395, 0.3055, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2240, 0.2944, 0.3328 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(173, 200, 197)` looks like.

```
.text, #text, p{  
    color:rgb(173, 200, 197)  
}
```

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(173, 200, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 200, 197) }
```

Border

The CSS property to change the border of an element to Yxy 54.2240, 0.2944, 0.3328 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(173, 200, 197) }
```

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

```
.border{ border-color:rgb(173, 200, 197) }
```

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

Here you see how a box with a 4 pixel rgb(173, 200, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 200, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 200, 197);  
box-shadow:4px 4px 4px 4px rgb(173, 200,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2240, 0.2944, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 200, 197) }
```

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

```
.background{ background-color: rgb(173,  
200, 197) }
```

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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