

Converting Colors

$Yxy(54.1787, 0.2289, 0.3126)$

Have a look what the booklet for
Yxy(54.1787, 0.2289, 0.3126)
contains.

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Color

Yxy(54.2180, 0.2288, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	43D5E1
RGB	67, 213, 225
RGB Percent	26%, 84%, 88%
CMY	0.7372, 0.1647, 0.1178
CMYK	0.70, 0.05, 0.00, 0.12
HSL	185°, 72%, 57%
HSV	185°, 70%, 88%
XYZ	39.6963, 54.2180, 79.5833
YIQ	170.7140, -90.8680, -27.2200

Conversions

Conversions Part 2

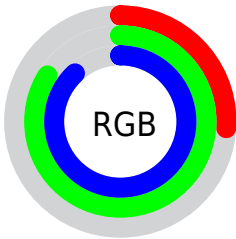
Format	Color
R _{YB}	67, 143, 225
Decimal	4445665
CIE Lab	78.59, -33.97, -17.07
CIE LCh	79, 38.016, 206.686
Yxy	54.2180, 0.2288, 0.3125
Android (android.graphics.Color)	4282635745 (0xFF43D5E1)
YUV	170.7140, 26.7630, -90.9572
Hunter-Lab	73.6329, -32.6263, -12.5384

Details

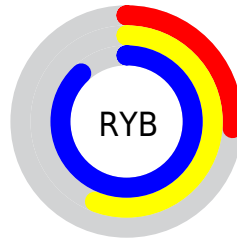
The Yxy color **54.2180, 0.2288, 0.3125** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **21.9967, 0.5397, 0.3407**, and the grayscale version is **40.4736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9742, 0.2505, 0.3288**, and **27.3560, 0.2186, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **52.7206, 0.2235, 0.3099**, and if you desaturate by 10%, it is **56.0371, 0.2361, 0.3151**.

Distribution



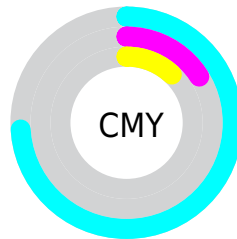
- Red (26%)
- Green (84%)
- Blue (88%)



- Red (26%)
- Yellow (56%)
- Blue (88%)



- Cyan (70%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)





- Cyan (74%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2180, 0.2288, 0.3125 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 54.2180, 0.2288, 0.3125 by changing the saturation by 10% instead.


 54.2180, 0.2288,
0.3125

 54.2180, 0.2288,
0.3125

402.9408, 0.2683,
0.3218


 38.7760, 0.2197,
0.3099


 96.3943, 0.2426,
0.3161


 26.5855, 0.2084,
0.3065


 123.8973, 0.2480,
0.3174

 17.2622, 0.1941,
0.3018


 156.1894, 0.2526,
0.3184

 10.4216, 0.1756,
0.2949

 193.6551, 0.2565,
0.3193

 5.6794, 0.1508,
0.2843

236.6786, 0.2600,
0.3201

 2.6511, 0.1165,
0.2663

285.6445, 0.2631,

 0.9524, 0.0192,

0.3207

0.2449

340.9371, 0.2659,
0.3213

■ 0.0000, 0.0000,
0.0000

■ 54.2180, 0.2288,
0.3125

■ 54.2180, 0.2288,
0.3125

■ 52.7206, 0.2235,
0.3099

■ 56.0371, 0.2361,
0.3151

■ 51.5007, 0.2200,
0.3073

■ 58.2039, 0.2452,
0.3177

■ 50.5126, 0.2180,
0.3049

■ 60.7483, 0.2562,
0.3202

■ 63.6955, 0.2686,
0.3226

■ 67.0684, 0.2823,
0.3249

70.8882, 0.2970,
0.3270

75.1746, 0.3124,
0.3290

79.9462, 0.3281,
0.3307

82.3684, 0.3336,
0.3324

Harmonies

Analogous

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



54.2180, 0.2574, 0.3631



54.2180, 0.2288, 0.3125



54.2180, 0.2213, 0.2726

Triad

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



54.2180, 0.2288, 0.3125



54.2180, 0.3172, 0.2664



54.2180, 0.3930, 0.4069

Complementary

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



54.2180, 0.2288, 0.3125



21.9967, 0.5397, 0.3407

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.



54.2180, 0.4131, 0.3742



54.2180, 0.2288, 0.3125



54.2180, 0.3678, 0.2963

Square

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



54.2180, 0.2288, 0.3125



54.2180, 0.2690, 0.2503



54.2180, 0.4042, 0.3345



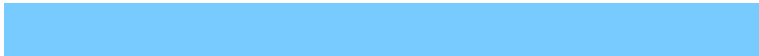
54.2180, 0.3518, 0.4208

Rectangle

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



54.2180, 0.2288, 0.3125



54.2180, 0.2283, 0.2563



54.2180, 0.4042, 0.3345



54.2180, 0.4026, 0.3974

Sweetspot

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



54.2200, 0.2288, 0.3125



88.6597, 0.2810, 0.3247



55.5707, 0.2987, 0.5427



18.7009, 0.2771, 0.3240



0.0000, 0.0000, 0.0000



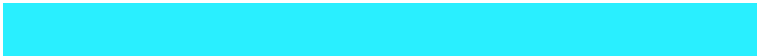
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2200, 0.2288, 0.3125



69.2906, 0.2217, 0.3088



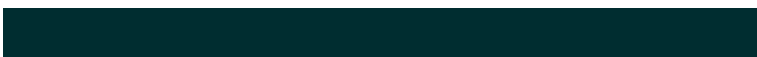
24.0855, 0.1998, 0.1954



15.3853, 0.2982, 0.3272



29.1940, 0.2181, 0.3052



2.0772, 0.2192, 0.3092

Inverse Universe

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



24.8231, 0.3332, 0.1835



29.0510, 0.3373, 0.1702



40.3605, 0.4626, 0.4241



13.9168, 0.3149, 0.3076



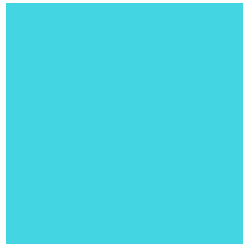
11.8552, 0.3408, 0.1651



0.8272, 0.3374, 0.1632

Previews

White Background



This preview shows how the Yxy color 54.2180, 0.2288, 0.3125 looks on a white background.

Color Contrast Check

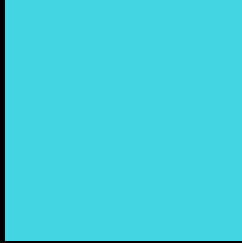
Large Text (above 18pt) WCAG AA × Fail

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 54.2180, 0.2288, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

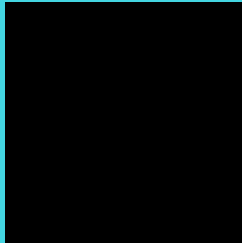
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2180, 0.2288, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 54.2180, 0.2288, 0.3125.



This preview shows how white text looks on a background with the Yxy color 54.2180, 0.2288, 0.3125.

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

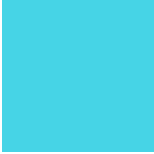
54.2180, 0.2288, 0.3125

Protanopia

53.4788, 0.2981, 0.3060

Deuteranopia

53.4458, 0.2864, 0.2810



Tritanopia

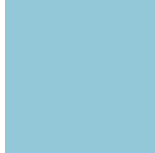
54.1022, 0.2272, 0.3046

Trichromacy



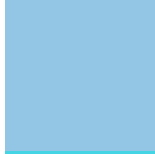
Original Color

54.2180, 0.2288, 0.3125



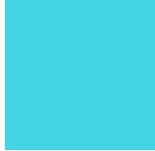
Protanomaly

52.3774, 0.2642, 0.3081



Deuteranomaly

52.1926, 0.2576, 0.2908



Tritanomaly

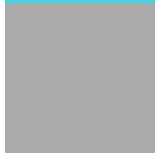
53.9536, 0.2277, 0.3071

Monochromacy



Original Color

54.2180, 0.2288, 0.3125



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

43.8659, 0.2687, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2180, 0.2288, 0.3125 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(67, 213, 225)` looks like.

```
.text, #text, p{  
    color:rgb(67, 213, 225)  
}
```

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(67, 213, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 213, 225) }
```

Border

The CSS property to change the border of an element to Yxy 54.2180, 0.2288, 0.3125 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(67, 213, 225) }
```

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

```
.border{ border-color:rgb(67, 213, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 213, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 213, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 213, 225);  
box-shadow:4px 4px 4px 4px rgb(67, 213,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2180, 0.2288, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 213, 225) }
```

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

```
.background{ background-color: rgb(67, 213,  
225) }
```

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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