

Converting Colors

Yxy(53.4788, 0.2623, 0.3398)

Have a look what the booklet for
Yxy(53.4788, 0.2623, 0.3398)
contains.

Yxy(53.6419, 0.2624, 0.3397)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.6419, 0.2624, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	7DD0C8
RGB	125, 208, 200
RGB Percent	49%, 82%, 78%
CMY	0.5100, 0.1843, 0.2156
CMYK	0.40, 0.00, 0.04, 0.18
HSL	174°, 47%, 65%
HSV	174°, 40%, 82%
XYZ	41.4355, 53.6419, 62.8322
YIQ	182.2710, -46.9000, -20.0840

Conversions

Conversions Part 2

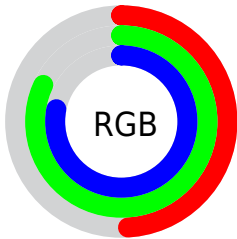
Format	Color
RYB	125, 169, 208
Decimal	8245448
CIELab	78.25, -27.14, -4.00
CIElCh	78, 27.430, 188.395
Yxy	53.6419, 0.2624, 0.3397
Android (android.graphics.Color)	4286435528 (0xFF7DD0C8)
YUV	182.2710, 8.7404, -50.2267
Hunter-Lab	73.2406, -27.1857, 0.4043

Details

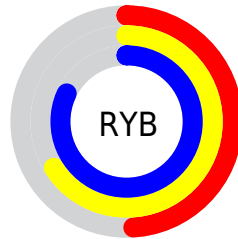
The Yxy color **53.6419, 0.2624, 0.3397** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.7566, 0.4029, 0.3191**, and the grayscale version is **46.9007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **26.1230, 0.2492, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **52.1470, 0.2530, 0.3428**, and if you desaturate by 10%, it is **55.4700, 0.2734, 0.3367**.

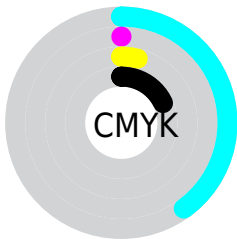
Distribution



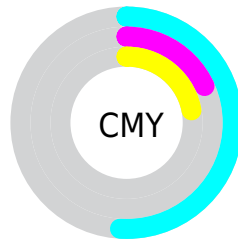
- Red (49%)
- Green (82%)
- Blue (78%)



- Red (49%)
- Yellow (66%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)





- Cyan (51%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6419, 0.2624, 0.3397 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 53.6419, 0.2624, 0.3397 by changing the saturation by 10% instead.

 53.6419, 0.2624,
0.3397


 53.6419, 0.2624,
0.3397


400.7430, 0.2867,
0.3348


 38.3154, 0.2566,
0.3408


 95.5483, 0.2710,
0.3380

 26.2276, 0.2493,
0.3421


 122.8969, 0.2743,
0.3374

 16.9940, 0.2398,
0.3438


 155.0218, 0.2771,
0.3368

 10.2302, 0.2271,
0.3459

192.3073, 0.2796,
0.3363

 5.5519, 0.2090,
0.3485

235.1377, 0.2817,
0.3358

 2.5746, 0.1818,
0.3518

283.8976, 0.2836,

 0.9139, 0.0848,

0.3355

0.3762

338.9712, 0.2852,
0.3351

0.0000, 0.0000,
0.0000

53.6419, 0.2624,
0.3397

53.6419, 0.2624,
0.3397

52.1470, 0.2530,
0.3428

55.4700, 0.2734,
0.3367

50.9583, 0.2453,
0.3460

57.6438, 0.2856,
0.3339

50.0550, 0.2395,
0.3493


60.1829, 0.2989,
0.3314

49.4108, 0.2357,
0.3526

63.1034, 0.3128,
0.3290

48.9948, 0.2337,
0.3559


66.4207, 0.3272,
0.3269


 48.7501, 0.2331,
0.3592

 70.1492, 0.3418,
0.3249

 48.7486, 0.2331,
0.3592

 71.2323, 0.3443,
0.3230

 71.3350, 0.3428,
0.3210

 71.4390, 0.3413,
0.3189

Harmonies

Analogous

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



53.6419, 0.2919, 0.3730



53.6419, 0.2624, 0.3397



53.6419, 0.2465, 0.3053

Triad

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



53.6419, 0.2624, 0.3397



53.6419, 0.2941, 0.2735



53.6419, 0.3824, 0.3738

Complementary

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



53.6419, 0.2624, 0.3397



29.7566, 0.4029, 0.3191

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.



53.6419, 0.3838, 0.3460



53.6419, 0.2624, 0.3397



53.6419, 0.3311, 0.2902

Square

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



53.6419, 0.2624, 0.3397



53.6419, 0.2639, 0.2696



53.6419, 0.3647, 0.3160



53.6419, 0.3615, 0.3918

Rectangle

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



53.6419, 0.2624, 0.3397



53.6419, 0.2450, 0.2872



53.6419, 0.3647, 0.3160



53.6419, 0.3852, 0.3652

Sweetspot

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



53.6440, 0.2624, 0.3397



94.4634, 0.2959, 0.3319



51.6029, 0.3127, 0.4486



20.1016, 0.2941, 0.3322



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.



53.6440, 0.2624, 0.3397



82.9599, 0.2542, 0.3424



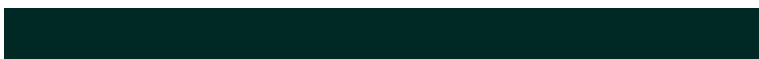
39.4868, 0.2508, 0.2819



13.3867, 0.2996, 0.3312



30.3876, 0.2330, 0.3587



1.7049, 0.2313, 0.3527

Inverse Universe

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



29.7566, 0.4029, 0.3191



39.9502, 0.4338, 0.3172



39.4032, 0.3954, 0.3712



11.8264, 0.3276, 0.3268



8.3957, 0.6282, 0.3234



0.4759, 0.5951, 0.3052

Previews

White Background



This preview shows how the Yxy color 53.6419, 0.2624, 0.3397 looks on a white background.

Color Contrast Check

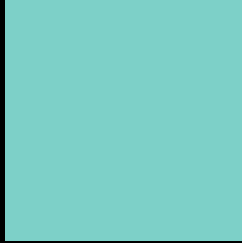
Large Text (above 18pt) WCAG AA × Fail

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 53.6419, 0.2624, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

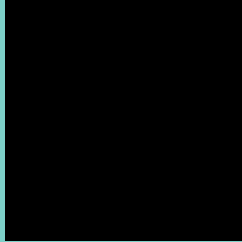
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

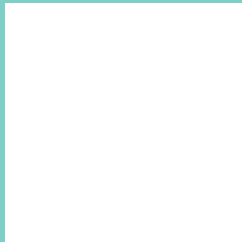
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6419, 0.2624, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 53.6419, 0.2624, 0.3397.

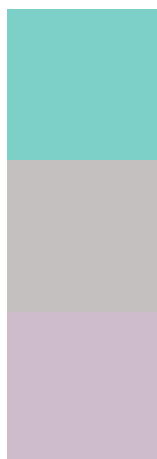


This preview shows how white text looks on a background with the Yxy color 53.6419, 0.2624, 0.3397.

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

53.6419, 0.2624, 0.3397

Protanopia

53.1966, 0.3167, 0.3302

Deuteranopia

53.0221, 0.3153, 0.3089



Tritanopia

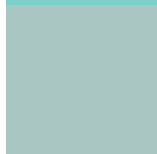
53.7084, 0.2537, 0.3080

Trichromacy



Original Color

53.6419, 0.2624, 0.3397



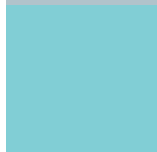
Protanomaly

52.8293, 0.2941, 0.3341



Deuteranomaly

52.6891, 0.2931, 0.3189



Tritanomaly

53.6138, 0.2571, 0.3196

Monochromacy



Original Color

53.6419, 0.2624, 0.3397



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.5128, 0.2906, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6419, 0.2624, 0.3397 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(125, 208, 200)` looks like.

```
.text, #text, p{  
    color:rgb(125, 208, 200)  
}
```

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(125, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 208, 200) }
```

Border

The CSS property to change the border of an element to Yxy 53.6419, 0.2624, 0.3397 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(125, 208, 200) }
```

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

```
.border{ border-color:rgb(125, 208, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 208, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 208, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 208, 200);  
box-shadow:4px 4px 4px 4px rgb(125, 208,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6419, 0.2624, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 208, 200) }
```

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

```
.background{ background-color: rgb(125,  
208, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor