

Converting Colors

$Yxy(43.7037, 0.2631, 0.3217)$

Have a look what the booklet for
Yxy(43.7037, 0.2631, 0.3217)
contains.

Yxy(43.7064, 0.2631, 0.3217)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.7064, 0.2631, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	7DBBC0
RGB	125, 187, 192
RGB Percent	49%, 73%, 75%
CMY	0.5096, 0.2667, 0.2471
CMYK	0.35, 0.03, 0.00, 0.25
HSL	184°, 35%, 62%
HSV	184°, 35%, 75%
XYZ	35.7450, 43.7064, 56.4094
YIQ	169.0320, -38.5570, -11.5890

Conversions

Conversions Part 2

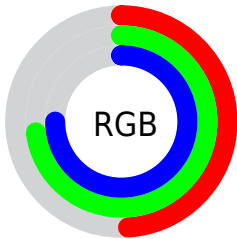
Format	Color
RYB	125, 157, 192
Decimal	8240064
CIELab	72.03, -18.54, -8.85
CIElCh	72, 20.545, 205.520
Yxy	43.7064, 0.2631, 0.3217
Android (android.graphics.Color)	4286430144 (0xFF7DBBC0)
YUV	169.0320, 11.3232, -38.6161
Hunter-Lab	66.1108, -19.1821, -4.3119

Details

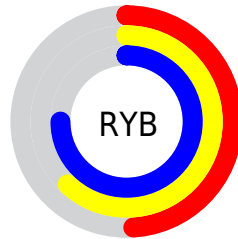
The Yxy color **43.7064, 0.2631, 0.3217** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.6584, 0.3920, 0.3361**, and the grayscale version is **39.6549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5818, 0.2722, 0.3234**, and **20.2920, 0.2491, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **41.7962, 0.2514, 0.3193**, and if you desaturate by 10%, it is **45.9054, 0.2762, 0.3240**.

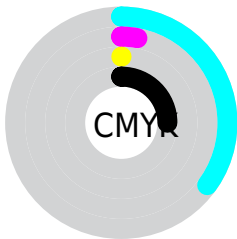
Distribution



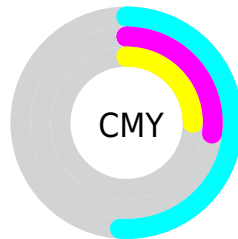
- Red (49%)
- Green (73%)
- Blue (75%)



- Red (49%)
- Yellow (62%)
- Blue (75%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)





- Cyan (51%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7064, 0.2631, 0.3217 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 43.7064, 0.2631, 0.3217 by changing the saturation by 10% instead.

 43.7064, 0.2631,
0.3217

 43.7064, 0.2631,
0.3217

361.5088, 0.2878,
0.3258


 30.4398, 0.2570,
0.3205


 80.7758, 0.2720,
0.3233

 20.1726, 0.2492,
0.3189


 105.3473, 0.2754,
0.3239

 12.5206, 0.2388,
0.3166


 134.4559, 0.2783,
0.3244

 7.0993, 0.2246,
0.3131

168.4859, 0.2807,
0.3248

 3.5243, 0.2037,
0.3072

207.8219, 0.2828,
0.3251

 1.4112, 0.1706,
0.2959

252.8481, 0.2847,

 0.2249, 0.0000,

0.3254

0.2066

303.9489, 0.2863,
0.3256

0.0000, 0.0000,
0.0000

43.7064, 0.2631,
0.3217

43.7064, 0.2631,
0.3217

41.7962, 0.2514,
0.3193

45.9054, 0.2762,
0.3240

40.1535, 0.2413,
0.3168

48.4028, 0.2903,
0.3261

38.7620, 0.2330,
0.3143

51.2142, 0.3053,
0.3281

37.6019, 0.2266,
0.3118

54.3526, 0.3207,
0.3299

36.6500, 0.2220,
0.3093

57.8301, 0.3363,
0.3315

■ 35.8782, 0.2192,
0.3068

■ 61.6584, 0.3520,
0.3330

■ 35.5225, 0.2182,
0.3055

■ 64.9981, 0.3638,
0.3344

■ 65.6502, 0.3634,
0.3358

■ 66.3085, 0.3631,
0.3373

Harmonies

Analogous

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



43.7064, 0.2814, 0.3497



43.7064, 0.2631, 0.3217



43.7064, 0.2576, 0.2975

Triad

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



43.7064, 0.2631, 0.3217



43.7064, 0.3148, 0.2905



43.7064, 0.3609, 0.3749

Complementary

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



43.7064, 0.2631, 0.3217



28.6584, 0.3920, 0.3361

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.



43.7064, 0.3711, 0.3566



43.7064, 0.2631, 0.3217



43.7064, 0.3438, 0.3090

Square

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



43.7064, 0.2631, 0.3217



43.7064, 0.2863, 0.2811



43.7064, 0.3648, 0.3327



43.7064, 0.3377, 0.3814

Rectangle

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



43.7064, 0.2631, 0.3217



43.7064, 0.2616, 0.2867



43.7064, 0.3648, 0.3327



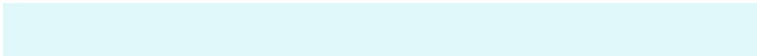
43.7064, 0.3660, 0.3698

Sweetspot

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



43.7081, 0.2631, 0.3217



90.0482, 0.2973, 0.3271



43.6527, 0.3049, 0.4251



19.1653, 0.2952, 0.3268



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.7081, 0.2631, 0.3217



76.4665, 0.2538, 0.3198



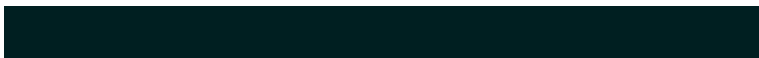
31.2962, 0.2565, 0.2717



11.2960, 0.2984, 0.3272



23.9583, 0.2183, 0.3058



1.0741, 0.2198, 0.3114

Inverse Universe

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



29.4704, 0.3218, 0.2493



46.9546, 0.3242, 0.2322



38.8714, 0.3767, 0.3800



10.2342, 0.3149, 0.3080



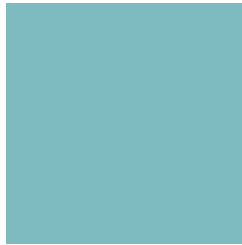
9.7008, 0.3403, 0.1648



0.4231, 0.3355, 0.1622

Previews

White Background



This preview shows how the Yxy color 43.7064, 0.2631, 0.3217 looks on a white background.

Color Contrast Check

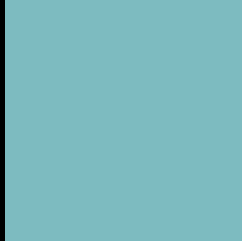
Large Text (above 18pt) WCAG AA × Fail

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 43.7064, 0.2631, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

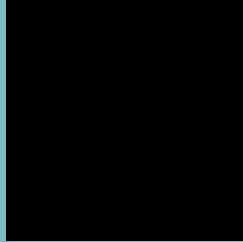
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

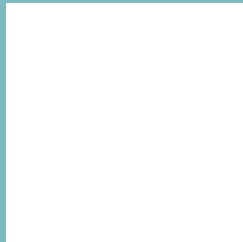
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7064, 0.2631, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 43.7064, 0.2631, 0.3217.



This preview shows how white text looks on a background with the Yxy color 43.7064, 0.2631, 0.3217.

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

43.7064, 0.2631, 0.3217

Protanopia

43.3928, 0.3055, 0.3157

Deuteranopia

43.2563, 0.3045, 0.2981



Tritanopia

43.8469, 0.2587, 0.3077

Trichromacy



Original Color

43.7064, 0.2631, 0.3217

Protanomaly

43.0391, 0.2876, 0.3165

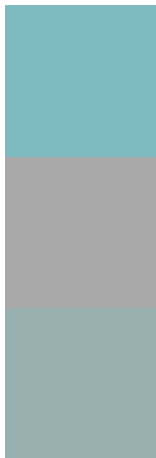
Deuteranomaly

43.1259, 0.2879, 0.3060

Tritanomaly

43.6306, 0.2598, 0.3118

Monochromacy



Original Color

43.7064, 0.2631, 0.3217

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.9973, 0.2924, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7064, 0.2631, 0.3217 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, 187, 192)` looks like.

```
.text, #text, p{  
    color:rgb(125, 187, 192)  
}
```

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, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 187, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.7064, 0.2631, 0.3217 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, 187, 192) }
```

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

```
.border{ border-color:rgb(125, 187, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(125, 187,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7064, 0.2631, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 187, 192) }
```

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

```
.background{ background-color: rgb(125,  
187, 192) }
```

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