

Converting Colors

$Yxy(44.7228, 0.2660, 0.3278)$

Have a look what the booklet for
Yxy(44.7228, 0.2660, 0.3278)
contains.

Yxy(44.6249, 0.2659, 0.3274)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.6249, 0.2659, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	7FBDBE
RGB	127, 189, 190
RGB Percent	50%, 74%, 75%
CMY	0.5021, 0.2588, 0.2548
CMYK	0.33, 0.01, 0.00, 0.25
HSL	181°, 33%, 62%
HSV	181°, 33%, 75%
XYZ	36.2424, 44.6249, 55.4336
YIQ	170.5760, -37.2730, -12.8330

Conversions

Conversions Part 2

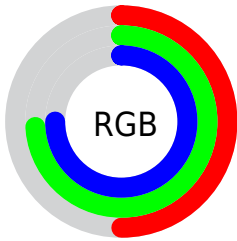
Format	Color
RYB	127, 158, 190
Decimal	8371646
CIELab	72.64, -19.51, -6.86
CIELCh	73, 20.685, 199.379
Yxy	44.6249, 0.2659, 0.3274
Android (android.graphics.Color)	4286561726 (0xFF7FBDBE)
YUV	170.5760, 9.5760, -38.2162
Hunter-Lab	66.8019, -20.0607, -2.4387

Details

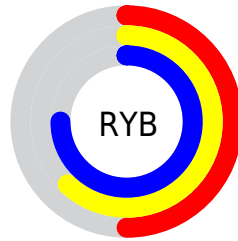
The Yxy color **44.6249, 0.2659, 0.3274** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **27.9167, 0.3883, 0.3306**, and the grayscale version is **40.4641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9037, 0.2745, 0.3278**, and **20.8703, 0.2528, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **43.1710, 0.2545, 0.3269**, and if you desaturate by 10%, it is **46.3578, 0.2788, 0.3279**.

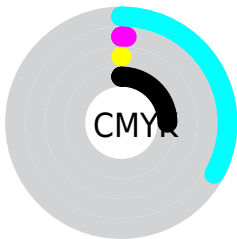
Distribution



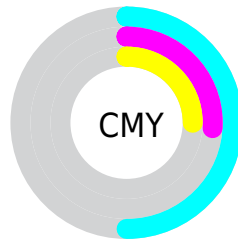
- Red (50%)
- Green (74%)
- Blue (75%)



- Red (50%)
- Yellow (62%)
- Blue (75%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)





- Cyan (50%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6249, 0.2659, 0.3274 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 44.6249, 0.2659, 0.3274 by changing the saturation by 10% instead.


 44.6249, 0.2659,
0.3274


 44.6249, 0.2659,
0.3274


365.2523, 0.2892,
0.3286

 31.1621, 0.2601,
0.3270


 82.1572, 0.2743,
0.3279

 20.7223, 0.2528,
0.3264


 106.9956, 0.2775,
0.3281

 12.9212, 0.2431,
0.3254


 136.3945, 0.2802,
0.3282

 7.3743, 0.2296,
0.3239

170.7384, 0.2825,
0.3283

 3.6973, 0.2099,
0.3210

210.4118, 0.2845,
0.3284

 1.5057, 0.1786,
0.3149

255.7990, 0.2862,

 0.2927, 0.0000,

0.3285

0.2682

307.2843, 0.2878,
0.3285

0.0000, 0.0000,
0.0000

44.6249, 0.2659,
0.3274

44.6249, 0.2659,
0.3274

43.1710, 0.2545,
0.3269

46.3578, 0.2788,
0.3279

41.9752, 0.2447,
0.3263

48.3786, 0.2928,
0.3284

41.0223, 0.2368,
0.3258


50.7025, 0.3078,
0.3289


40.2931, 0.2308,
0.3252

53.3418, 0.3234,
0.3293


39.7658, 0.2267,
0.3247

56.3084, 0.3393,
0.3297

 39.4140, 0.2243,
0.3242

 59.6135, 0.3552,
0.3300

 39.2399, 0.2233,
0.3238

 62.3100, 0.3669,
0.3303

 62.4444, 0.3668,
0.3307

 62.5791, 0.3667,
0.3310

Harmonies

Analogous

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



44.6249, 0.2865, 0.3551



44.6249, 0.2659, 0.3274



44.6249, 0.2576, 0.3018

Triad

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



44.6249, 0.2659, 0.3274



44.6249, 0.3086, 0.2877



44.6249, 0.3642, 0.3719

Complementary

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



44.6249, 0.2659, 0.3274



27.9167, 0.3883, 0.3306

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.



44.6249, 0.3712, 0.3520



44.6249, 0.2659, 0.3274



44.6249, 0.3383, 0.3046

Square

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



44.6249, 0.2659, 0.3274



44.6249, 0.2813, 0.2806



44.6249, 0.3616, 0.3276



44.6249, 0.3432, 0.3813

Rectangle

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



44.6249, 0.2659, 0.3274



44.6249, 0.2597, 0.2895



44.6249, 0.3616, 0.3276



44.6249, 0.3683, 0.3661

Sweetspot

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



44.6267, 0.2659, 0.3274



88.8548, 0.2973, 0.3285



42.8796, 0.3082, 0.4263



19.3848, 0.2952, 0.3285



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.



44.6267, 0.2659, 0.3274



78.8305, 0.2572, 0.3270



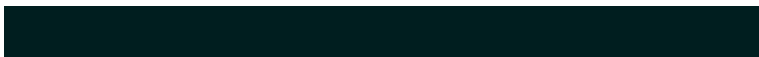
32.8517, 0.2602, 0.2816



10.7823, 0.2985, 0.3286



26.0957, 0.2233, 0.3239



1.0307, 0.2237, 0.3251

Inverse Universe

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



29.7949, 0.3176, 0.2489



47.7850, 0.3187, 0.2317



37.1055, 0.3748, 0.3720



9.6936, 0.3140, 0.3067



9.6641, 0.3249, 0.1564



0.3794, 0.3239, 0.1558

Previews

White Background



This preview shows how the Yxy color 44.6249, 0.2659, 0.3274 looks on a white background.

Color Contrast Check

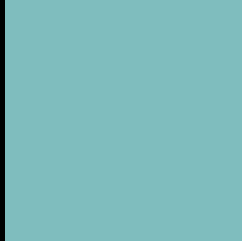
Large Text (above 18pt) WCAG AA × Fail

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 44.6249, 0.2659, 0.3274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

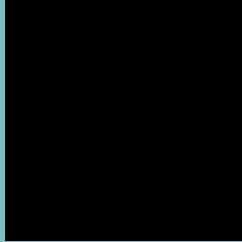
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

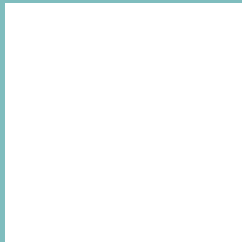
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6249, 0.2659, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 44.6249, 0.2659, 0.3274.

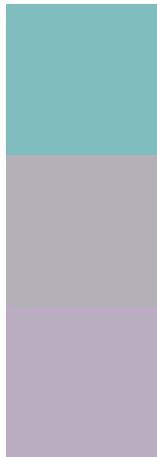


This preview shows how white text looks on a background with the Yxy color 44.6249, 0.2659, 0.3274.

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

44.6249, 0.2659, 0.3274

Protanopia

44.4469, 0.3096, 0.3211

Deuteranopia

44.3022, 0.3087, 0.3035



Tritanopia

44.5507, 0.2601, 0.3079

Trichromacy



Original Color

44.6249, 0.2659, 0.3274

Protanomaly

44.0665, 0.2915, 0.3221

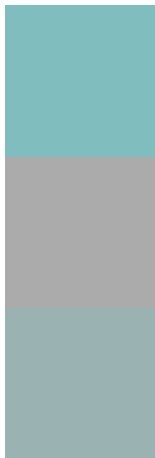
Deuteranomaly

44.0453, 0.2910, 0.3115

Tritanomaly

44.7108, 0.2621, 0.3148

Monochromacy



Original Color

44.6249, 0.2659, 0.3274

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

42.0237, 0.2933, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6249, 0.2659, 0.3274 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(127, 189, 190)` looks like.

```
.text, #text, p{  
    color:rgb(127, 189, 190)  
}
```

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(127, 189, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 189, 190) }
```

Border

The CSS property to change the border of an element to Yxy 44.6249, 0.2659, 0.3274 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(127, 189, 190) }
```

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

```
.border{ border-color:rgb(127, 189, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 189, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 189, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 189, 190);  
box-shadow:4px 4px 4px 4px rgb(127, 189,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6249, 0.2659, 0.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 189, 190) }
```

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

```
.background{ background-color: rgb(127,  
189, 190) }
```

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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