

Converting Colors

$Y_{xy}(22.2476, 0.2649, 0.3266)$

Have a look what the booklet for
Yxy(22.2476, 0.2649, 0.3266)
contains.

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Color

$\text{Yxy}(22.2652, 0.2652, 0.3269)$

Conversions

Conversions Part 1

Format	Color
Hex	5B8A8B
RGB	91, 138, 139
RGB Percent	36%, 54%, 55%
CMY	0.6432, 0.4588, 0.4548
CMYK	0.35, 0.01, 0.00, 0.45
HSL	181°, 21%, 45%
HSV	181°, 35%, 55%
XYZ	18.0628, 22.2652, 27.7821
YIQ	124.0610, -28.3330, -9.6530

Conversions

Conversions Part 2

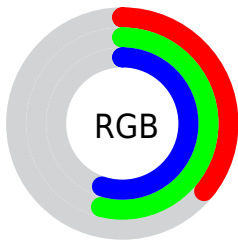
Format	Color
R_{YB}	91, 115, 139
Decimal	5999243
CIE _{Lab}	54.31, -15.58, -5.63
CIE _{LCh}	54, 16.570, 199.874
Yxy	22.2652, 0.2652, 0.3269
Android (android.graphics.Color)	4284189323 (0xFF5B8A8B)
YUV	124.0610, 7.3649, -28.9945
Hunter-Lab	47.1860, -14.2457, -1.8785

Details

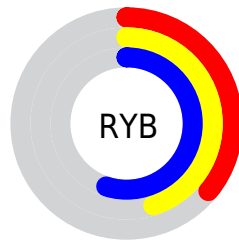
The Yxy color **22.2652, 0.2652, 0.3269** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.9007, 0.3899, 0.3311**, and the grayscale version is **20.1587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3447, 0.2757, 0.3289**, and **8.1721, 0.2475, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **21.5391, 0.2541, 0.3262**, and if you desaturate by 10%, it is **23.1242, 0.2777, 0.3276**.

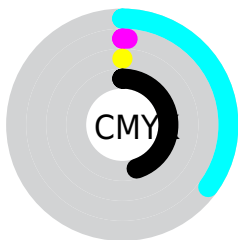
Distribution



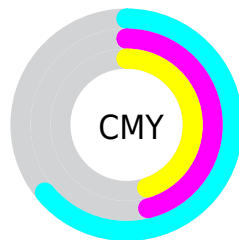
- Red (36%)
- Green (54%)
- Blue (55%)



- Red (36%)
- Yellow (45%)
- Blue (55%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (45%)



- Cyan (64%)
- Magenta (46%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.2652, 0.2652, 0.3269 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 22.2652, 0.2652, 0.3269 by changing the saturation by 10% instead.


 22.2652, 0.2652,
0.3269


 22.2652, 0.2652,
0.3269


263.9281, 0.2916,
0.3285


 14.0519, 0.2576,
0.3263


 47.1839, 0.2755,
0.3276

 8.1568, 0.2471,
0.3252


 64.6581, 0.2791,
0.3279

 4.1954, 0.2318,
0.3234

 85.9881, 0.2821,
0.3280

 1.7835, 0.2075,
0.3195

 111.5582, 0.2846,
0.3282

 0.4768, 0.0498,
0.3260

141.7529, 0.2867,
0.3283

 0.0000, 0.0000,
0.0000

176.9565, 0.2886,

0.3283

217.5534, 0.2902,
0.3284

■ 22.2652, 0.2652,
0.3269

■ 22.2652, 0.2652,
0.3269

■ 21.5391, 0.2541,
0.3262

■ 23.1242, 0.2777,
0.3276

■ 20.9360, 0.2445,
0.3255

■ 24.1202, 0.2914,
0.3282

■ 20.4488, 0.2368,
0.3248


■ 25.2601, 0.3059,
0.3288


■ 20.0687, 0.2308,
0.3241

■ 26.5500, 0.3210,
0.3293

■ 19.7855, 0.2266,
0.3234


■ 27.9953, 0.3364,
0.3298

 19.5860, 0.2240,
0.3228

 29.6013, 0.3520,
0.3302

 19.4918, 0.2229,
0.3224

 31.3729, 0.3674,
0.3306

 33.3150, 0.3825,
0.3310

 35.4321, 0.3972,
0.3313

Harmonies

Analogous

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



22.2652, 0.2858, 0.3549



22.2652, 0.2652, 0.3269



22.2652, 0.2570, 0.3011

Triad

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



22.2652, 0.2652, 0.3269



22.2652, 0.3091, 0.2876



22.2652, 0.3644, 0.3726

Complementary

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



22.2652, 0.2652, 0.3269



13.9007, 0.3899, 0.3311

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.



22.2652, 0.3718, 0.3526



22.2652, 0.2652, 0.3269



22.2652, 0.3390, 0.3047

Square

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



22.2652, 0.2652, 0.3269



22.2652, 0.2814, 0.2802



22.2652, 0.3624, 0.3280



22.2652, 0.3430, 0.3818

Rectangle

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



22.2652, 0.2652, 0.3269



22.2652, 0.2593, 0.2888



22.2652, 0.3624, 0.3280



22.2652, 0.3687, 0.3668

Sweetspot

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



22.2661, 0.2652, 0.3269



44.0303, 0.2976, 0.3284



21.4652, 0.3073, 0.4264



10.0882, 0.2958, 0.3284



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



22.2661, 0.2652, 0.3269



38.8812, 0.2569, 0.3264



16.1680, 0.2591, 0.2790



5.6706, 0.2991, 0.3285



17.5878, 0.2229, 0.3224



0.1195, 0.2239, 0.3258

Inverse Universe

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



14.8047, 0.3180, 0.2480



23.5813, 0.3191, 0.2316



18.6918, 0.3755, 0.3741



5.1272, 0.3140, 0.3079



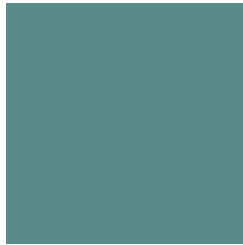
6.5597, 0.3262, 0.1570



0.0438, 0.3233, 0.1555

Previews

White Background



This preview shows how the Yxy color 22.2652, 0.2652, 0.3269 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2652, 0.2652, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

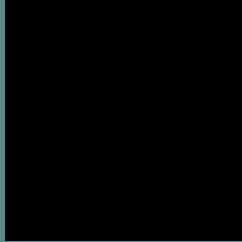
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

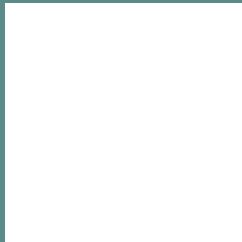
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.2652, 0.2652, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 22.2652, 0.2652, 0.3269.



This preview shows how white text looks on a background with the Yxy color 22.2652, 0.2652, 0.3269.

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

22.2652, 0.2652, 0.3269

Protanopia

22.1398, 0.3096, 0.3219

Deuteranopia

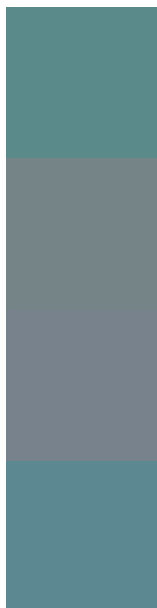
22.1089, 0.3070, 0.3017



Tritanopia

22.3566, 0.2594, 0.3084

Trichromacy



Original Color

22.2652, 0.2652, 0.3269

Protanomaly

21.9648, 0.2920, 0.3234

Deuteranomaly

21.8814, 0.2902, 0.3092

Tritanomaly

22.2110, 0.2609, 0.3138

Monochromacy



Original Color

22.2652, 0.2652, 0.3269

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.7302, 0.2935, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2652, 0.2652, 0.3269 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(91, 138, 139)` looks like.

```
.text, #text, p{  
    color:rgb(91, 138, 139)  
}
```

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(91, 138, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 138, 139) }
```

Border

The CSS property to change the border of an element to Yxy 22.2652, 0.2652, 0.3269 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(91, 138, 139) }
```

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

```
.border{ border-color:rgb(91, 138, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 138, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 138, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 138, 139);  
box-shadow:4px 4px 4px 4px rgb(91, 138,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2652, 0.2652, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 138, 139) }
```

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

```
.background{ background-color: rgb(91, 138,  
139) }
```

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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