

Converting Colors

$Y_{xy}(22.3885, 0.2592, 0.3325)$

Have a look what the booklet for
Yxy(22.3885, 0.2592, 0.3325)
contains.

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Color

$Yxy(22.3850, 0.2593, 0.3327)$

Conversions

Conversions Part 1

Format	Color
Hex	528C8A
RGB	82, 140, 138
RGB Percent	32%, 55%, 54%
CMY	0.6784, 0.4510, 0.4588
CMYK	0.41, 0.00, 0.01, 0.45
HSL	178°, 26%, 44%
HSV	178°, 41%, 55%
XYZ	17.4464, 22.3850, 27.4514
YIQ	122.4300, -33.9260, -12.9180

Conversions

Conversions Part 2

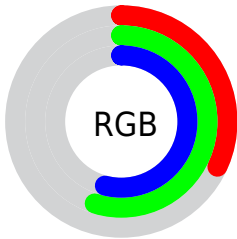
Format	Color
R_{YB}	82, 112, 140
Decimal	5409930
CIE _{Lab}	54.43, -19.43, -4.91
CIE _{LCh}	54, 20.044, 194.181
Yxy	22.3850, 0.2593, 0.3327
Android (android.graphics.Color)	4283600010 (0xFF528C8A)
YUV	122.4300, 7.6760, -35.4571
Hunter-Lab	47.3128, -16.9761, -1.2818

Details

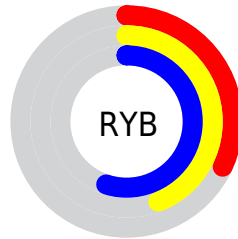
The Yxy color **22.3850, 0.2593, 0.3327** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **12.2514, 0.4102, 0.3256**, and the grayscale version is **19.5940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4961, 0.2713, 0.3331**, and **8.2781, 0.2397, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **21.8071, 0.2497, 0.3337**, and if you desaturate by 10%, it is **23.0928, 0.2704, 0.3317**.

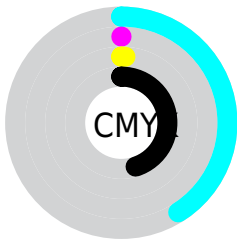
Distribution



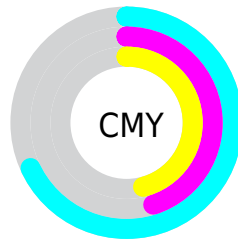
- Red (32%)
- Green (55%)
- Blue (54%)



- Red (32%)
- Yellow (44%)
- Blue (55%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)





- Cyan (68%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3850, 0.2593, 0.3327 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 22.3850, 0.2593, 0.3327 by changing the saturation by 10% instead.


 22.3850, 0.2593,
0.3327


 22.3850, 0.2593,
0.3327


264.5503, 0.2889,
0.3311


 14.1401, 0.2508,
0.3330


 47.3815, 0.2708,
0.3322


 8.2181, 0.2391,
0.3332


 64.9019, 0.2749,
0.3320


 4.2349, 0.2221,
0.3331

 86.2828, 0.2783,
0.3318

 1.8058, 0.1951,
0.3321

 111.9087, 0.2811,
0.3316

 0.4908, 0.0000,
0.3586

 142.1641, 0.2835,
0.3315

 0.0000, 0.0000,
0.0000

177.4332, 0.2855,

0.3313

218.1004, 0.2873,
0.3312

■ 22.3850, 0.2593,
0.3327

■ 22.3850, 0.2593,
0.3327

■ 21.8071, 0.2497,
0.3337

■ 23.0928, 0.2704,
0.3317

■ 21.3485, 0.2418,
0.3348

■ 23.9351, 0.2829,
0.3308

■ 21.0016, 0.2357,
0.3359

■ 24.9193, 0.2964,
0.3299

■ 20.7563, 0.2314,
0.3370

■ 26.0517, 0.3106,
0.3291

■ 20.6012, 0.2289,
0.3381

■ 27.3381, 0.3254,
0.3284

■ 20.5114, 0.2275,
0.3390

■ 28.7840, 0.3405,
0.3277

■ 30.3947, 0.3556,
0.3272

■ 32.1752, 0.3706,
0.3267

■ 34.1303, 0.3852,
0.3262

Harmonies

Analogous

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



22.3850, 0.2860, 0.3664



22.3850, 0.2593, 0.3327



22.3850, 0.2467, 0.3002

Triad

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



22.3850, 0.2593, 0.3327



22.3850, 0.3013, 0.2769



22.3850, 0.3783, 0.3772

Complementary

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



22.3850, 0.2593, 0.3327



12.2514, 0.4102, 0.3256

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.



22.3850, 0.3836, 0.3513



22.3850, 0.2593, 0.3327



22.3850, 0.3377, 0.2953

Square

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



22.3850, 0.2593, 0.3327



22.3850, 0.2698, 0.2705



22.3850, 0.3685, 0.3219



22.3850, 0.3549, 0.3921

Rectangle

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



22.3850, 0.2593, 0.3327



22.3850, 0.2473, 0.2840



22.3850, 0.3685, 0.3219



22.3850, 0.3823, 0.3694

Sweetspot

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



22.3859, 0.2593, 0.3327



43.7800, 0.2952, 0.3300



21.2926, 0.3098, 0.4506



10.0413, 0.2937, 0.3301



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.



22.3859, 0.2593, 0.3327



38.4806, 0.2500, 0.3337



15.7007, 0.2494, 0.2754



5.6857, 0.2996, 0.3297



18.2259, 0.2275, 0.3389



0.1215, 0.2260, 0.3334

Inverse Universe

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



12.2514, 0.4102, 0.3256



18.0324, 0.4465, 0.3250



16.9321, 0.3939, 0.3766



5.0512, 0.3275, 0.3283



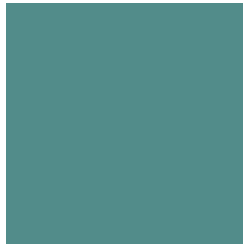
4.9640, 0.6347, 0.3270



0.0333, 0.6106, 0.3138

Previews

White Background



This preview shows how the Yxy color 22.3850, 0.2593, 0.3327 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 22.3850, 0.2593, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

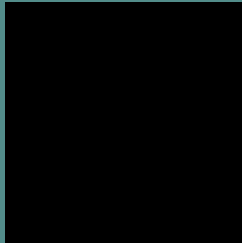
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3850, 0.2593, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 22.3850, 0.2593, 0.3327.



This preview shows how white text looks on a background with the Yxy color 22.3850, 0.2593, 0.3327.

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

22.3850, 0.2593, 0.3327

Protanopia

22.1645, 0.3129, 0.3255

Deuteranopia

22.1632, 0.3092, 0.3035



Tritanopia

22.2782, 0.2525, 0.3081

Trichromacy



Original Color

22.3850, 0.2593, 0.3327

Protanomaly

22.0070, 0.2898, 0.3271

Deuteranomaly

21.9080, 0.2881, 0.3127

Tritanomaly

22.3944, 0.2551, 0.3174

Monochromacy



Original Color

22.3850, 0.2593, 0.3327

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.3848, 0.2891, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3850, 0.2593, 0.3327 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(82, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(82, 140, 138)  
}
```

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(82, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 140, 138) }
```

Border

The CSS property to change the border of an element to Yxy 22.3850, 0.2593, 0.3327 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(82, 140, 138) }
```

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

```
.border{ border-color:rgb(82, 140, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 140, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 140, 138);  
box-shadow:4px 4px 4px 4px rgb(82, 140,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3850, 0.2593, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 140, 138) }
```

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

```
.background{ background-color: rgb(82, 140,  
138) }
```

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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