

Converting Colors

$Y_{xy}(23.4049, 0.2568, 0.3393)$

Have a look what the booklet for
Yxy(23.4049, 0.2568, 0.3393)
contains.

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Color

$Y_{xy}(23.4303, 0.2568, 0.3385)$

Conversions

Conversions Part 1

Format	Color
Hex	4E908B
RGB	78, 144, 139
RGB Percent	31%, 56%, 55%
CMY	0.6941, 0.4353, 0.4549
CMYK	0.46, 0.00, 0.03, 0.44
HSL	175°, 30%, 44%
HSV	175°, 46%, 56%
XYZ	17.7752, 23.4303, 28.0125
YIQ	123.6960, -37.7310, -15.5470

Conversions

Conversions Part 2

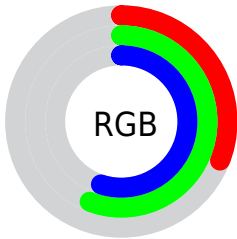
Format	Color
R_{YB}	78, 112, 144
Decimal	5148811
CIE _{Lab}	55.51, -22.31, -3.90
CIE _{LCh}	56, 22.652, 189.924
Y _{xy}	23.4303, 0.2568, 0.3385
Android (android.graphics.Color)	4283338891 (0xFF4E908B)
YUV	123.6960, 7.5449, -40.0754
Hunter-Lab	48.4049, -19.1599, -0.4285

Details

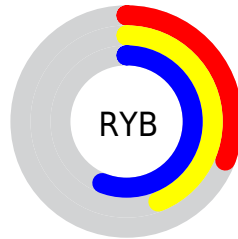
The Yxy color **23.4303, 0.2568, 0.3385** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **12.0026, 0.4215, 0.3204**, and the grayscale version is **20.0337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0192, 0.2688, 0.3372**, and **8.7094, 0.2359, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **22.8564, 0.2482, 0.3409**, and if you desaturate by 10%, it is **24.1395, 0.2669, 0.3362**.

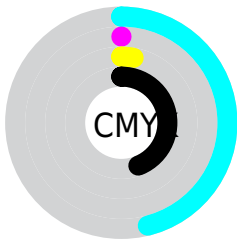
Distribution



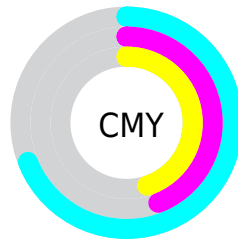
- Red (31%)
- Green (56%)
- Blue (55%)



- Red (31%)
- Yellow (44%)
- Blue (56%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)




- Cyan (69%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4303, 0.2568, 0.3385 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 23.4303, 0.2568, 0.3385 by changing the saturation by 10% instead.


 23.4303, 0.2568,
0.3385


 23.4303, 0.2568,
0.3385


269.9275, 0.2876,
0.3336


 14.9116, 0.2480,
0.3397


 49.0989, 0.2687,
0.3367


 8.7573, 0.2360,
0.3412


 67.0176, 0.2730,
0.3361


 4.5832, 0.2187,
0.3431

 88.8384, 0.2765,
0.3355

 2.0049, 0.1916,
0.3454

 114.9456, 0.2794,
0.3350

 0.6103, 0.0223,
0.3855

 145.7238, 0.2819,
0.3346

 0.0000, 0.0000,
0.0000

181.5572, 0.2841,

0.3342

222.8303, 0.2859,
0.3339

■ 23.4303, 0.2568,
0.3385

■ 23.4303, 0.2568,
0.3385

■ 22.8564, 0.2482,
0.3409

■ 24.1395, 0.2669,
0.3362

■ 22.4063, 0.2414,
0.3434

■ 24.9894, 0.2785,
0.3340

■ 22.0711, 0.2364,
0.3459


■ 25.9881, 0.2911,
0.3319


■ 21.8395, 0.2332,
0.3484

■ 27.1425, 0.3046,
0.3300


■ 21.6948, 0.2316,
0.3508

■ 28.4591, 0.3186,
0.3283

 21.6435, 0.2311,
0.3519

 29.9438, 0.3330,
0.3267

 31.6026, 0.3475,
0.3253

 33.4408, 0.3619,
0.3241

 35.4637, 0.3761,
0.3231

Harmonies

Analogous

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



23.4303, 0.2881, 0.3756



23.4303, 0.2568, 0.3385



23.4303, 0.2406, 0.3012

Triad

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



23.4303, 0.2568, 0.3385



23.4303, 0.2943, 0.2697



23.4303, 0.3878, 0.3786

Complementary

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



23.4303, 0.2568, 0.3385



12.0026, 0.4215, 0.3204

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.



23.4303, 0.3907, 0.3487



23.4303, 0.2568, 0.3385



23.4303, 0.3347, 0.2882

Square

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



23.4303, 0.2568, 0.3385



23.4303, 0.2611, 0.2645



23.4303, 0.3708, 0.3164



23.4303, 0.3640, 0.3979

Rectangle

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



23.4303, 0.2568, 0.3385



23.4303, 0.2396, 0.2821



23.4303, 0.3708, 0.3164



23.4303, 0.3913, 0.3694

Sweetspot

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



23.4312, 0.2568, 0.3385



46.1319, 0.2931, 0.3316



22.3592, 0.3113, 0.4653



10.4934, 0.2906, 0.3320



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



23.4312, 0.2568, 0.3385



40.2854, 0.2480, 0.3410



16.2399, 0.2434, 0.2730



6.1094, 0.3000, 0.3306



18.8483, 0.2310, 0.3517



0.1816, 0.2276, 0.3394

Inverse Universe

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



12.0026, 0.4215, 0.3204



17.5269, 0.4614, 0.3190



16.6849, 0.4073, 0.3780



5.4303, 0.3270, 0.3274



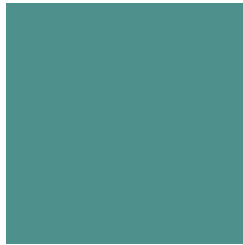
5.1858, 0.6286, 0.3237



0.0506, 0.5793, 0.2965

Previews

White Background



This preview shows how the Yxy color 23.4303, 0.2568, 0.3385 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 23.4303, 0.2568, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

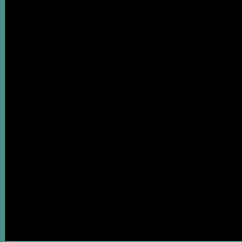
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4303, 0.2568, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 23.4303, 0.2568, 0.3385.



This preview shows how white text looks on a background with the Yxy color 23.4303, 0.2568, 0.3385.

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

23.4303, 0.2568, 0.3385

Protanopia

23.3194, 0.3162, 0.3290

Deuteranopia

23.3162, 0.3126, 0.3073



Tritanopia

23.4397, 0.2487, 0.3084

Trichromacy



Original Color

23.4303, 0.2568, 0.3385

Protanomaly

22.9350, 0.2901, 0.3308

Deuteranomaly

22.8248, 0.2884, 0.3164

Tritanomaly

23.5324, 0.2519, 0.3194

Monochromacy



Original Color

23.4303, 0.2568, 0.3385

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.9434, 0.2882, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4303, 0.2568, 0.3385 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(78, 144, 139)` looks like.

```
.text, #text, p{  
    color:rgb(78, 144, 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(78, 144, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 144, 139) }
```

Border

The CSS property to change the border of an element to Yxy 23.4303, 0.2568, 0.3385 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(78, 144, 139) }
```

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

```
.border{ border-color:rgb(78, 144, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 144, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 144, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 144, 139);  
box-shadow:4px 4px 4px 4px rgb(78, 144,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4303, 0.2568, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 144, 139) }
```

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

```
.background{ background-color: rgb(78, 144,  
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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