

Converting Colors

$Y_{xy}(23.4619, 0.2703, 0.3356)$

Have a look what the booklet for
Yxy(23.4619, 0.2703, 0.3356)
contains.

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Color

$Y_{xy}(23.6139, 0.2704, 0.3364)$

Conversions

Conversions Part 1	
Format	Color
Hex	5F8E8A
RGB	95, 142, 138
RGB Percent	37%, 56%, 54%
CMY	0.6274, 0.4431, 0.4588
CMYK	0.33, 0.00, 0.03, 0.44
HSL	175°, 20%, 46%
HSV	175°, 33%, 56%
XYZ	18.9810, 23.6139, 27.6010
YIQ	127.4910, -26.7280, -11.2080

Conversions

Conversions Part 2

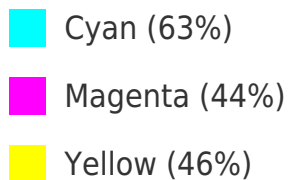
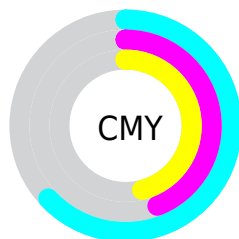
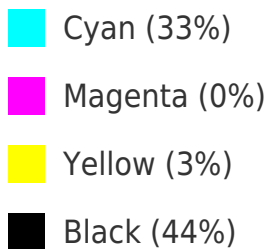
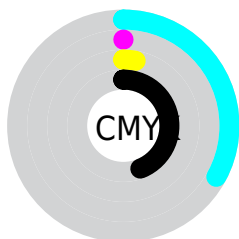
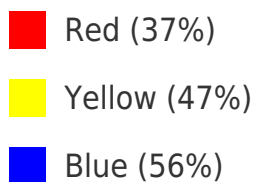
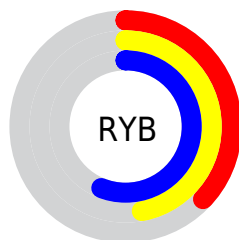
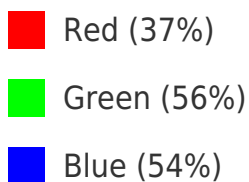
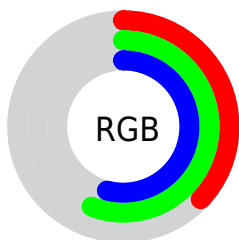
Format	Color
RYB	95, 120, 142
Decimal	6262410
CIELab	55.70, -16.79, -2.96
CIELCh	56, 17.050, 189.987
Yxy	23.6139, 0.2704, 0.3364
Android (android.graphics.Color)	4284452490 (0xFF5F8E8A)
YUV	127.4910, 5.1809, -28.4946
Hunter-Lab	48.5941, -15.3173, 0.3397

Details

The Yxy color $23.6139, 0.2704, 0.3364$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $14.8401, 0.3797, 0.3219$, and the grayscale version is $21.3917, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.4445, 0.2796, 0.3357$, and $8.9168, 0.2547, 0.3405$ is the 20% darker color. If you saturate the color by 10%, you get $22.8874, 0.2599, 0.3390$, and if you desaturate by 10%, it is $24.4813, 0.2821, 0.3340$.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6139, 0.2704, 0.3364 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 23.6139, 0.2704, 0.3364 by changing the saturation by 10% instead.


 23.6139, 0.2704,
0.3364


 23.6139, 0.2704,
0.3364


270.8626, 0.2938,
0.3325


 15.0475, 0.2637,
0.3374


 49.3994, 0.2795,
0.3350


 8.8527, 0.2545,
0.3387


 67.3873, 0.2827,
0.3344

 4.6452, 0.2411,
0.3405


 89.2844, 0.2854,
0.3340

 2.0406, 0.2199,
0.3429

 115.4751, 0.2876,
0.3336

 0.6309, 0.1107,
0.3680


146.3439, 0.2895,
0.3333


 0.0000, 0.0000,
0.0000


182.2752, 0.2911,


0.3330


223.6533, 0.2925,
0.3327


 23.6139, 0.2704,
0.3364


 23.6139, 0.2704,
0.3364

 22.8874, 0.2599,
0.3390


 24.4813, 0.2821,
0.3340


 22.2915, 0.2510,
0.3417


 25.4937, 0.2949,
0.3317


 21.8188, 0.2437,
0.3444


 26.6587, 0.3084,
0.3296


 21.4601, 0.2383,
0.3473


 27.9822, 0.3225,
0.3277


 21.2050, 0.2346,
0.3501


 29.4701, 0.3367,
0.3260


 21.0410, 0.2327,
0.3529

 31.1279, 0.3511,
0.3245

 20.9551, 0.2319,
0.3548

 32.9608, 0.3652,
0.3232

 34.9737, 0.3791,
0.3220

 37.1716, 0.3926,
0.3210

Harmonies

Analogous

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



23.6139, 0.2944, 0.3634



23.6139, 0.2704, 0.3364



23.6139, 0.2577, 0.3087

Triad

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



23.6139, 0.2704, 0.3364



23.6139, 0.2992, 0.2835



23.6139, 0.3692, 0.3672

Complementary

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



23.6139, 0.2704, 0.3364



14.8401, 0.3797, 0.3219

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.



23.6139, 0.3710, 0.3448



23.6139, 0.2704, 0.3364



23.6139, 0.3295, 0.2979

Square

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



23.6139, 0.2704, 0.3364



23.6139, 0.2737, 0.2798



23.6139, 0.3563, 0.3198



23.6139, 0.3516, 0.3808

Rectangle

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



23.6139, 0.2704, 0.3364



23.6139, 0.2569, 0.2940



23.6139, 0.3563, 0.3198



23.6139, 0.3717, 0.3604

Sweetspot

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



23.6148, 0.2704, 0.3364



45.5190, 0.2987, 0.3311



22.8658, 0.3131, 0.4220



10.1124, 0.2971, 0.3313



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.



23.6148, 0.2704, 0.3364



40.6283, 0.2622, 0.3384



18.6045, 0.2627, 0.2924



6.1085, 0.3001, 0.3309



18.8159, 0.2319, 0.3547



0.1814, 0.2280, 0.3408

Inverse Universe

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



14.8401, 0.3797, 0.3219



22.5981, 0.4031, 0.3203



18.5696, 0.3754, 0.3628



5.4311, 0.3269, 0.3272



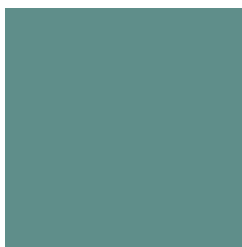
5.1887, 0.6272, 0.3229



0.0508, 0.5728, 0.2929

Previews

White Background



This preview shows how the Yxy color 23.6139, 0.2704, 0.3364 looks on a white background.

Color Contrast Check

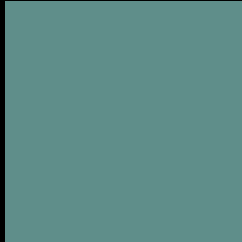
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6139, 0.2704, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

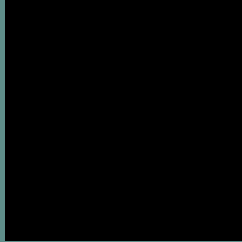
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6139, 0.2704, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 23.6139, 0.2704, 0.3364.



This preview shows how white text looks on a background with the Yxy color 23.6139, 0.2704, 0.3364.

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

23.6139, 0.2704, 0.3364

Protanopia

23.3194, 0.3162, 0.3290

Deuteranopia

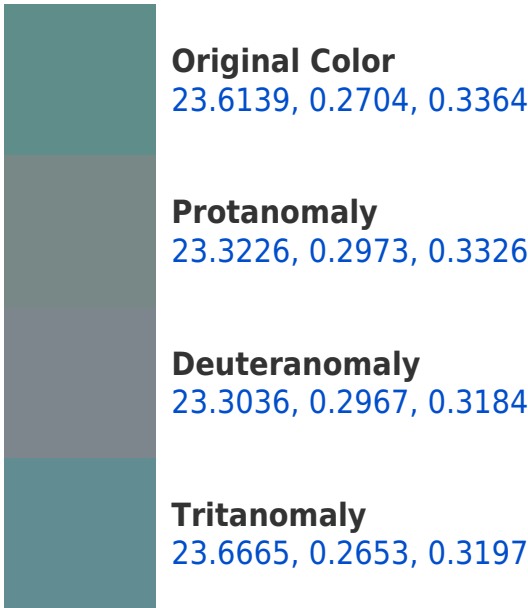
23.3744, 0.3148, 0.3090



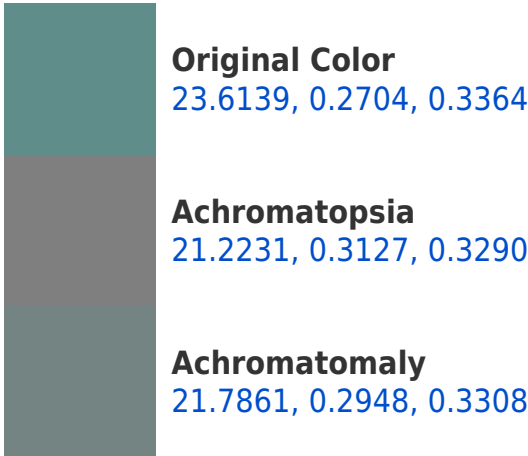
Tritanopia

23.5872, 0.2619, 0.3089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6139, 0.2704, 0.3364 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(95, 142, 138) looks like.

```
.text, #text, p{  
    color:rgb(95, 142, 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(95, 142, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 142, 138) }
```

Border

The CSS property to change the border of an element to Yxy 23.6139, 0.2704, 0.3364 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(95, 142, 138) }
```

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

```
.border{ border-color:rgb(95, 142, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 142, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 142, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 142, 138);  
box-shadow:4px 4px 4px 4px rgb(95, 142,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6139, 0.2704, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 142, 138) }
```

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

```
.background{ background-color: rgb(95, 142,  
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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