

Converting Colors

$Y_{xy}(23.4125, 0.2957, 0.3890)$

Have a look what the booklet for
Yxy(23.4125, 0.2957, 0.3890)
contains.

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Color

Yxy(23.4114, 0.2959, 0.3895)

Conversions

Conversions Part 1

Format	Color
Hex	628F70
RGB	98, 143, 112
RGB Percent	38%, 56%, 44%
CMY	0.6156, 0.4392, 0.5608
CMYK	0.31, 0.00, 0.22, 0.44
HSL	139°, 19%, 47%
HSV	139°, 31%, 56%
XYZ	17.7855, 23.4114, 18.9094
YIQ	126.0110, -16.8690, -19.1810

Conversions

Conversions Part 2

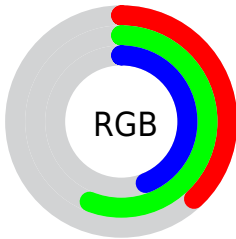
Format	Color
R_{YB}	98, 132, 143
Decimal	6459248
CIE _{Lab}	55.49, -22.18, 11.68
CIE _{LCh}	55, 25.064, 152.223
Yxy	23.4114, 0.2959, 0.3895
Android (android.graphics.Color)	4284649328 (0xFF628F70)
YUV	126.0110, -6.9074, -24.5656
Hunter-Lab	48.3853, -19.0614, 10.6986

Details

The Yxy color **23.4114, 0.2959, 0.3895** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.1644, 0.3350, 0.2754**, and the grayscale version is **20.8979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0969, 0.2999, 0.3752**, and **8.6774, 0.2879, 0.4151** is the 20% darker color. If you saturate the color by 10%, you get **22.4788, 0.2913, 0.4129**, and if you desaturate by 10%, it is **24.5121, 0.3010, 0.3680**.

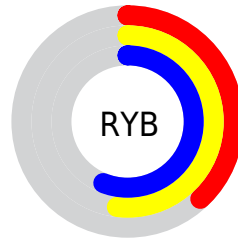
Distribution



Red (38%)

Green (56%)

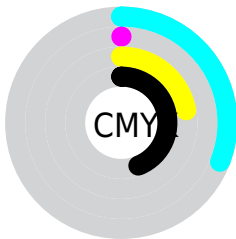
Blue (44%)



Red (38%)

Yellow (52%)

Blue (56%)

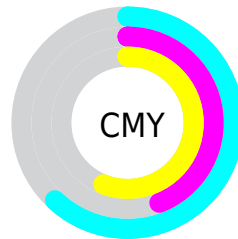


Cyan (31%)

Magenta (0%)

Yellow (22%)

Black (44%)



Cyan (62%)


Magenta (44%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4114, 0.2959, 0.3895 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 23.4114, 0.2959, 0.3895 by changing the saturation by 10% instead.


 23.4114, 0.2959,
0.3895


 23.4114, 0.2959,
0.3895


269.8310, 0.3059,
0.3546


 14.8976, 0.2927,
0.4002


 49.0680, 0.3000,
0.3755


 8.7475, 0.2880,
0.4156


 66.9795, 0.3014,
0.3706

 4.5769, 0.2806,
0.4392

 88.7924, 0.3025,
0.3667

 2.0012, 0.2672,
0.4801

 114.8910, 0.3034,
0.3634

 0.6082, 0.0569,
0.9431

145.6598, 0.3042,
0.3607

 0.0000, 0.0000,
0.0000

181.4832, 0.3048,

0.3584

222.7454, 0.3054,
0.3564

■ 23.4114, 0.2959,
0.3895

■ 23.4114, 0.2959,
0.3895

■ 22.4788, 0.2913,
0.4129

■ 24.5121, 0.3010,
0.3680

■ 21.7031, 0.2874,
0.4377

■ 25.7857, 0.3064,
0.3487

■ 21.0761, 0.2846,
0.4635

■ 27.2405, 0.3119,
0.3313

■ 20.5879, 0.2832,
0.4892

■ 28.8833, 0.3173,
0.3160

■ 20.2270, 0.2833,
0.5140

■ 30.7205, 0.3226,
0.3026

■ 19.9803, 0.2850,
0.5365

■ 32.7584, 0.3277,
0.2908

■ 19.8299, 0.2871,
0.5535

■ 35.0028, 0.3325,
0.2805

■ 37.4593, 0.3370,
0.2716

■ 40.1334, 0.3413,
0.2638

Harmonies

Analogous

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



23.4114, 0.3396, 0.4081



23.4114, 0.2959, 0.3895



23.4114, 0.2584, 0.3506

Triad

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



23.4114, 0.2959, 0.3895



23.4114, 0.2488, 0.2593



23.4114, 0.3958, 0.3410

Complementary

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



23.4114, 0.2959, 0.3895



16.1644, 0.3350, 0.2754

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.



23.4114, 0.3680, 0.3063



23.4114, 0.2959, 0.3895



23.4114, 0.2817, 0.2609

Square

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



23.4114, 0.2959, 0.3895



23.4114, 0.2329, 0.2751



23.4114, 0.3253, 0.2778



23.4114, 0.3990, 0.3755

Rectangle

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



23.4114, 0.2959, 0.3895



23.4114, 0.2415, 0.3214



23.4114, 0.3253, 0.2778



23.4114, 0.3890, 0.3291

Sweetspot

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



23.4124, 0.2959, 0.3895



46.7395, 0.3077, 0.3446



25.2338, 0.3429, 0.4089



10.6426, 0.3070, 0.3469



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.



23.4124, 0.2959, 0.3895



40.6714, 0.2924, 0.4065



23.9639, 0.2766, 0.3458



6.0553, 0.3077, 0.3445



17.5370, 0.2868, 0.5526



0.1713, 0.2642, 0.4711

Inverse Universe

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



16.1644, 0.3350, 0.2754



25.5003, 0.3419, 0.2627



15.6407, 0.3673, 0.3131



5.4829, 0.3181, 0.3140



5.9564, 0.4157, 0.2064



0.0609, 0.3643, 0.1780

Previews

White Background



This preview shows how the Yxy color 23.4114, 0.2959, 0.3895 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 23.4114, 0.2959, 0.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

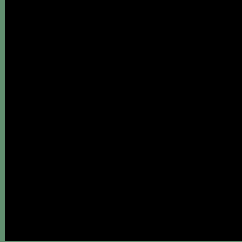
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4114, 0.2959, 0.3895

Background



This preview shows how black text looks on a background with the Yxy color 23.4114, 0.2959, 0.3895.



This preview shows how white text looks on a background with the Yxy color 23.4114, 0.2959, 0.3895.

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

23.4114, 0.2959, 0.3895

Protanopia

23.1395, 0.3498, 0.3727

Deuteranopia

23.2555, 0.3556, 0.3508



Tritanopia

23.3501, 0.2692, 0.3090

Trichromacy



Original Color

23.4114, 0.2959, 0.3895

Protanomaly

23.0724, 0.3284, 0.3785

Deuteranomaly

22.8955, 0.3320, 0.3630

Tritanomaly

23.3585, 0.2779, 0.3364

Monochromacy



Original Color

23.4114, 0.2959, 0.3895

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

21.5960, 0.3061, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4114, 0.2959, 0.3895 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(98, 143, 112)` looks like.

```
.text, #text, p{  
    color:rgb(98, 143, 112)  
}
```

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(98, 143, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 143, 112) }
```

Border

The CSS property to change the border of an element to Yxy 23.4114, 0.2959, 0.3895 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(98, 143, 112) }
```

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

```
.border{ border-color:rgb(98, 143, 112) }
```

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

Here you see how a box with a 4 pixel rgb(98, 143, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 143, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 143, 112);  
box-shadow:4px 4px 4px 4px rgb(98, 143,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4114, 0.2959, 0.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 143, 112) }
```

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

```
.background{ background-color: rgb(98, 143,  
112) }
```

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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