

Converting Colors

$Y_{xy}(29.3879, 0.2867, 0.3583)$

Have a look what the booklet for
Yxy(29.3879, 0.2867, 0.3583)
contains.

Yxy(29.5181, 0.2865, 0.3583)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.5181, 0.2865, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	719D8C
RGB	113, 157, 140
RGB Percent	44%, 62%, 55%
CMY	0.5568, 0.3843, 0.4510
CMYK	0.28, 0.00, 0.11, 0.38
HSL	157°, 18%, 53%
HSV	157°, 28%, 62%
XYZ	23.6029, 29.5181, 29.2627
YIQ	141.9060, -20.7670, -14.6150

Conversions

Conversions Part 2

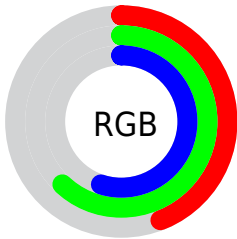
Format	Color
R_{YB}	113, 140, 157
Decimal	7445900
CIE _{Lab}	61.24, -18.64, 4.10
CIE _{LCh}	61, 19.083, 167.596
Yxy	29.5181, 0.2865, 0.3583
Android (android.graphics.Color)	4285635980 (0xFF719D8C)
YUV	141.9060, -0.9397, -25.3506
Hunter-Lab	54.3306, -17.5323, 6.0975

Details

The Yxy color $29.5181, 0.2865, 0.3583$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.5970, 0.3492, 0.3016$, and the grayscale version is $27.0236, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.0890, 0.2918, 0.3518$, and $12.1030, 0.2769, 0.3703$ is the 20% darker color. If you saturate the color by 10%, you get $28.3920, 0.2783, 0.3707$, and if you desaturate by 10%, it is $30.8367, 0.2955, 0.3469$.

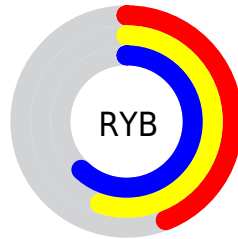
Distribution



Red (44%)

Green (62%)

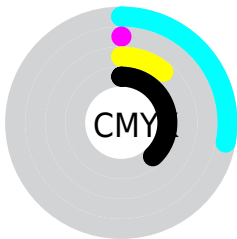
Blue (55%)



Red (44%)

Yellow (55%)

Blue (62%)

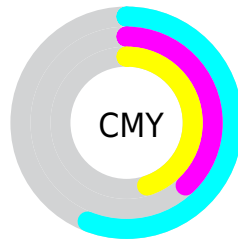


Cyan (28%)

Magenta (0%)

Yellow (11%)

Black (38%)



Cyan (56%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5181, 0.2865, 0.3583 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 29.5181, 0.2865, 0.3583 by changing the saturation by 10% instead.


 29.5181, 0.2865,
0.3583

 29.5181, 0.2865,
0.3583


299.6517, 0.3007,
0.3423


 19.4731, 0.2825,
0.3628


 58.8992, 0.2920,
0.3521

 12.0126, 0.2771,
0.3691


 79.0042, 0.2939,
0.3499

 6.7523, 0.2694,
0.3780


 103.2312, 0.2956,
0.3481

 3.3077, 0.2574,
0.3922

 131.9647, 0.2969,
0.3465

 1.2944, 0.2351,
0.4184

165.5892, 0.2981,
0.3452

 0.1369, 0.0000,
1.0000

204.4889, 0.2991,

 0.0000, 0.0000,

0.3441

0.0000

249.0482, 0.3000,
0.3431

■ 29.5181, 0.2865,
0.3583

■ 29.5181, 0.2865,
0.3583

■ 28.3920, 0.2783,
0.3707

■ 30.8367, 0.2955,
0.3469

■ 27.4453, 0.2713,
0.3839

■ 32.3528, 0.3049,
0.3366

■ 26.6690, 0.2656,
0.3979

■ 34.0760, 0.3147,
0.3272

■ 26.0516, 0.2615,
0.4124

■ 36.0138, 0.3245,
0.3189

■ 25.5806, 0.2593,
0.4272

■ 38.1738, 0.3343,
0.3115

■ 25.2409, 0.2591,
0.4419

■ 40.5628, 0.3438,
0.3050

■ 25.0060, 0.2606,
0.4564

■ 43.1875, 0.3531,
0.2992

■ 24.9633, 0.2609,
0.4593

■ 46.0544, 0.3620,
0.2942

■ 49.1694, 0.3706,
0.2899

Harmonies

Analogous

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



29.5181, 0.3165, 0.3791



29.5181, 0.2865, 0.3583



29.5181, 0.2642, 0.3290

Triad

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



29.5181, 0.2865, 0.3583



29.5181, 0.2780, 0.2778



29.5181, 0.3745, 0.3517

Complementary

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



29.5181, 0.2865, 0.3583



20.5970, 0.3492, 0.3016

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.



29.5181, 0.3634, 0.3259



29.5181, 0.2865, 0.3583



29.5181, 0.3064, 0.2847

Square

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



29.5181, 0.2865, 0.3583



29.5181, 0.2595, 0.2834



29.5181, 0.3380, 0.3020



29.5181, 0.3681, 0.3733

Rectangle

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



29.5181, 0.2865, 0.3583



29.5181, 0.2562, 0.3099



29.5181, 0.3380, 0.3020



29.5181, 0.3727, 0.3432

Sweetspot

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



29.5193, 0.2865, 0.3583



57.8994, 0.3048, 0.3367



30.1010, 0.3263, 0.4035



12.6507, 0.3034, 0.3381



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.5193, 0.2865, 0.3583



51.4884, 0.2810, 0.3664



28.5990, 0.2723, 0.3215



7.4660, 0.3037, 0.3378



20.2826, 0.2606, 0.4582



0.3707, 0.2445, 0.4002

Inverse Universe

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



20.5970, 0.3492, 0.3016



32.6545, 0.3610, 0.2948



21.1828, 0.3700, 0.3364



6.6865, 0.3227, 0.3204



6.0997, 0.5382, 0.2738



0.1171, 0.4409, 0.2202

Previews

White Background



This preview shows how the Yxy color 29.5181, 0.2865, 0.3583 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 29.5181, 0.2865, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

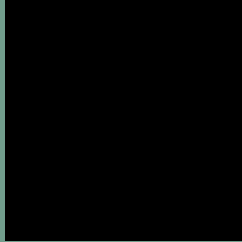
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5181, 0.2865, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 29.5181, 0.2865, 0.3583.

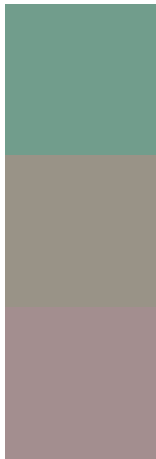


This preview shows how white text looks on a background with the Yxy color 29.5181, 0.2865, 0.3583.

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

29.5181, 0.2865, 0.3583

Protanopia

29.3890, 0.3309, 0.3480

Deuteranopia

29.1157, 0.3345, 0.3275



Tritanopia

29.3872, 0.2695, 0.3076

Trichromacy



Original Color

29.5181, 0.2865, 0.3583

Protanomaly

29.3426, 0.3126, 0.3520

Deuteranomaly

28.8402, 0.3155, 0.3370

Tritanomaly

29.2585, 0.2750, 0.3239

Monochromacy



Original Color

29.5181, 0.2865, 0.3583

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.6158, 0.3020, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5181, 0.2865, 0.3583 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(113, 157, 140)` looks like.

```
.text, #text, p{  
    color:rgb(113, 157, 140)  
}
```

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(113, 157, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 157, 140) }
```

Border

The CSS property to change the border of an element to Yxy 29.5181, 0.2865, 0.3583 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(113, 157, 140) }
```

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

```
.border{ border-color:rgb(113, 157, 140) }
```

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

Here you see how a box with a 4 pixel rgb(113, 157, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 157, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 157, 140);  
box-shadow:4px 4px 4px 4px rgb(113, 157,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5181, 0.2865, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 157, 140) }
```

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

```
.background{ background-color: rgb(113,  
157, 140) }
```

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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