

Converting Colors

$Y_{xy}(28.1196, 0.2807, 0.3551)$

Have a look what the booklet for
Yxy(28.1196, 0.2807, 0.3551)
contains.

Yxy(28.0395, 0.2810, 0.3555)	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

$Y_{xy}(28.0395, 0.2810, 0.3555)$

Conversions

Conversions Part 1

Format	Color
Hex	6A9A8B
RGB	106, 154, 139
RGB Percent	42%, 60%, 55%
CMY	0.5841, 0.3961, 0.4549
CMYK	0.31, 0.00, 0.10, 0.40
HSL	161°, 19%, 51%
HSV	161°, 31%, 60%
XYZ	22.1634, 28.0395, 28.6705
YIQ	137.9380, -23.7930, -14.8410

Conversions

Conversions Part 2

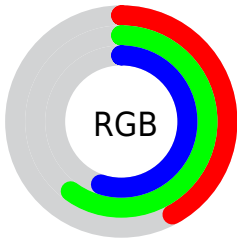
Format	Color
R_{YB}	106, 134, 154
Decimal	6986379
CIE _{Lab}	59.92, -19.51, 2.71
CIE _{LCh}	60, 19.695, 172.080
Yxy	28.0395, 0.2810, 0.3555
Android (android.graphics.Color)	4285176459 (0xFF6A9A8B)
YUV	137.9380, 0.5236, -28.0096
Hunter-Lab	52.9523, -17.9546, 4.9647

Details

The Yxy color **28.0395, 0.2810, 0.3555** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.5680, 0.3594, 0.3042**, and the grayscale version is **25.3994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7776, 0.2882, 0.3510**, and **11.2625, 0.2695, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **27.0422, 0.2724, 0.3656**, and if you desaturate by 10%, it is **29.2147, 0.2906, 0.3462**.

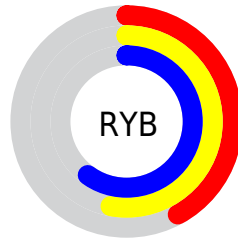
Distribution



Red (42%)

Green (60%)

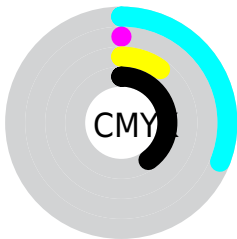
Blue (55%)



Red (42%)

Yellow (53%)

Blue (60%)

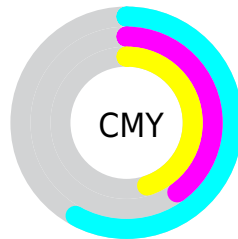


Cyan (31%)

Magenta (0%)

Yellow (10%)

Black (40%)



Cyan (58%)


Magenta (40%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.0395, 0.2810, 0.3555 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 28.0395, 0.2810, 0.3555 by changing the saturation by 10% instead.


 28.0395, 0.2810,
0.3555


 28.0395, 0.2810,
0.3555


292.6556, 0.2983,
0.3410


 18.3554, 0.2762,
0.3596

 56.5475, 0.2877,
0.3499

 11.2055, 0.2696,
0.3653


 76.1402, 0.2900,
0.3479

 6.2052, 0.2601,
0.3736

 99.8046, 0.2920,
0.3462

 2.9703, 0.2454,
0.3866

 127.9251, 0.2937,
0.3448

 1.1162, 0.2111,
0.4147

160.8860, 0.2951,
0.3436

 0.0000, 0.0000,
0.0000

199.0718, 0.2963,

0.3426

242.8669, 0.2973,
0.3417

■ 28.0395, 0.2810,
0.3555

■ 28.0395, 0.2810,
0.3555

■ 27.0422, 0.2724,
0.3656

■ 29.2147, 0.2906,
0.3462

■ 26.2103, 0.2651,
0.3763

■ 30.5729, 0.3008,
0.3376

■ 25.5349, 0.2592,
0.3875

■ 32.1232, 0.3115,
0.3298

■ 25.0049, 0.2551,
0.3990

■ 33.8729, 0.3224,
0.3229

■ 24.6077, 0.2529,
0.4107

■ 35.8291, 0.3333,
0.3166

■ 24.3285, 0.2527,
0.4224

■ 37.9985, 0.3440,
0.3111

■ 24.1471, 0.2535,
0.4327

■ 40.3876, 0.3546,
0.3063

■ 43.0023, 0.3648,
0.3021

■ 45.8487, 0.3746,
0.2984

Harmonies

Analogous

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



28.0395, 0.3117, 0.3795



28.0395, 0.2810, 0.3555



28.0395, 0.2594, 0.3242

Triad

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



28.0395, 0.2810, 0.3555



28.0395, 0.2802, 0.2757



28.0395, 0.3778, 0.3565

Complementary

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



28.0395, 0.2810, 0.3555



18.5680, 0.3594, 0.3042

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.



28.0395, 0.3688, 0.3297



28.0395, 0.2810, 0.3555



28.0395, 0.3110, 0.2847

Square

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



28.0395, 0.2810, 0.3555



28.0395, 0.2590, 0.2794



28.0395, 0.3438, 0.3041



28.0395, 0.3683, 0.3780

Rectangle

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



28.0395, 0.2810, 0.3555



28.0395, 0.2526, 0.3048



28.0395, 0.3438, 0.3041



28.0395, 0.3769, 0.3478

Sweetspot

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



28.0406, 0.2810, 0.3555



56.0655, 0.3029, 0.3360



28.2326, 0.3235, 0.4137



12.6069, 0.3014, 0.3371



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.



28.0406, 0.2810, 0.3555



49.7090, 0.2752, 0.3621



25.7130, 0.2674, 0.3135



6.9937, 0.3028, 0.3360



19.6812, 0.2533, 0.4318



0.3007, 0.2392, 0.3810

Inverse Universe

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



18.5680, 0.3594, 0.3042



29.8454, 0.3735, 0.2988



20.1349, 0.3765, 0.3439



6.2529, 0.3237, 0.3221



5.7779, 0.5662, 0.2893



0.0924, 0.4613, 0.2315

Previews

White Background



This preview shows how the Yxy color 28.0395, 0.2810, 0.3555 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 28.0395, 0.2810, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

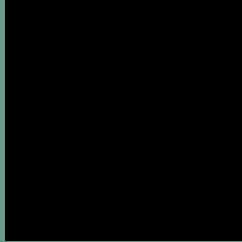
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0395, 0.2810, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 28.0395, 0.2810, 0.3555.

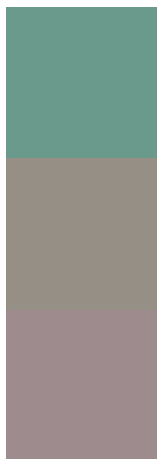


This preview shows how white text looks on a background with the Yxy color 28.0395, 0.2810, 0.3555.

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

28.0395, 0.2810, 0.3555

Protanopia

27.7279, 0.3293, 0.3452

Deuteranopia

27.6873, 0.3306, 0.3244



Tritanopia

28.1571, 0.2657, 0.3087

Trichromacy



Original Color

28.0395, 0.2810, 0.3555

Protanomaly

27.6033, 0.3097, 0.3492

Deuteranomaly

27.3586, 0.3104, 0.3339

Tritanomaly

28.0408, 0.2712, 0.3254

Monochromacy



Original Color

28.0395, 0.2810, 0.3555

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.2171, 0.2998, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0395, 0.2810, 0.3555 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(106, 154, 139)` looks like.

```
.text, #text, p{  
  color:rgb(106, 154, 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(106, 154, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 154, 139) }
```

Border

The CSS property to change the border of an element to Yxy 28.0395, 0.2810, 0.3555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

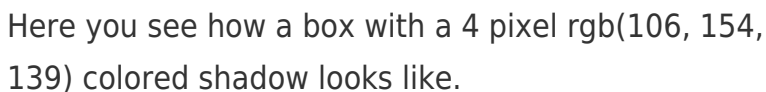
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 154, 139) }
```

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

```
.border{ border-color:rgb(106, 154, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 154, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 154, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 154, 139); box-shadow:4px 4px 4px 4px rgb(106, 154, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0395, 0.2810, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 154, 139) }
```

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

```
.background{ background-color: rgb(106,  
154, 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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