

Converting Colors

$Yxy(35.5674, 0.2746, 0.3664)$

Have a look what the booklet for
Yxy(35.5674, 0.2746, 0.3664)
contains.

Yxy(35.5706, 0.2750, 0.3668)	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(35.5706, 0.2750, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	6AAE97
RGB	106, 174, 151
RGB Percent	42%, 68%, 59%
CMY	0.5842, 0.3177, 0.4079
CMYK	0.39, 0.00, 0.13, 0.32
HSL	160°, 30%, 55%
HSV	160°, 39%, 68%
XYZ	26.6683, 35.5706, 34.7366
YIQ	151.0460, -33.1450, -21.5690

Conversions

Conversions Part 2

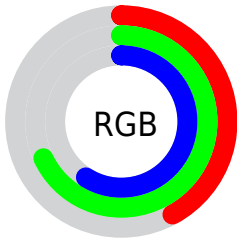
Format	Color
RYB	106, 147, 174
Decimal	6991511
CIELab	66.19, -26.94, 5.05
CIElCh	66, 27.406, 169.385
Yxy	35.5706, 0.2750, 0.3668
Android (android.graphics.Color)	4285181591 (0xFF6AAE97)
YUV	151.0460, -0.0227, -39.5053
Hunter-Lab	59.6411, -24.5564, 7.2166

Details

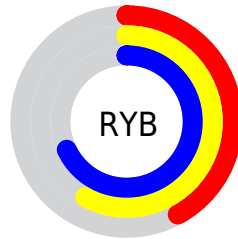
The Yxy color **35.5706, 0.2750, 0.3668** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.8993, 0.3749, 0.2948**, and the grayscale version is **30.9824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4750, 0.2826, 0.3596**, and **15.3517, 0.2624, 0.3798** is the 20% darker color. If you saturate the color by 10%, you get **34.4250, 0.2676, 0.3785**, and if you desaturate by 10%, it is **36.9449, 0.2836, 0.3559**.

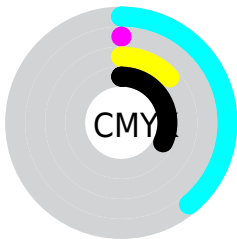
Distribution



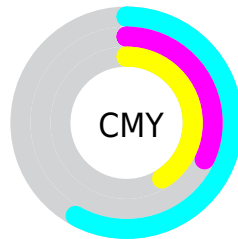
- Red (42%)
- Green (68%)
- Blue (59%)



- Red (42%)
- Yellow (58%)
- Blue (68%)



- Cyan (39%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)




- Cyan (58%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5706, 0.2750, 0.3668 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 35.5706, 0.2750, 0.3668 by changing the saturation by 10% instead.


 35.5706, 0.2750,
0.3668


 35.5706, 0.2750,
0.3668


327.0798, 0.2949,
0.3466

 24.1027, 0.2697,
0.3723


 68.3688, 0.2825,
0.3591


 15.4099, 0.2626,
0.3797


 90.4679, 0.2852,
0.3564

 9.1075, 0.2528,
0.3900


 116.8796, 0.2875,
0.3541

 4.8114, 0.2384,
0.4057

 147.9882, 0.2894,
0.3521

 2.1370, 0.2148,
0.4319

184.1781, 0.2911,
0.3504

 0.6853, 0.0000,
0.6354

225.8337, 0.2925,

 0.0000, 0.0000,

0.3490

0.0000

273.3395, 0.2938,
0.3477

■ 35.5706, 0.2750,
0.3668

■ 35.5706, 0.2750,
0.3668

■ 34.4250, 0.2676,
0.3785

■ 36.9449, 0.2836,
0.3559

■ 33.4905, 0.2617,
0.3907

■ 38.5559, 0.2931,
0.3458

■ 32.7539, 0.2575,
0.4034


■ 40.4162, 0.3032,
0.3366


■ 32.1984, 0.2552,
0.4163


■ 42.5364, 0.3137,
0.3283


■ 31.8045, 0.2549,
0.4292

■ 44.9265, 0.3243,
0.3208

 31.5353, 0.2563,
0.4419

 47.5959, 0.3349,
0.3142

 31.5120, 0.2564,
0.4431

 50.5535, 0.3453,
0.3084

 53.8079, 0.3555,
0.3032

 55.8909, 0.3587,
0.2980

Harmonies

Analogous

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



35.5706, 0.3146, 0.3968



35.5706, 0.2750, 0.3668



35.5706, 0.2467, 0.3258

Triad

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



35.5706, 0.2750, 0.3668



35.5706, 0.2681, 0.2614



35.5706, 0.3965, 0.3600

Complementary

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



35.5706, 0.2750, 0.3668



20.8993, 0.3749, 0.2948

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.



35.5706, 0.3829, 0.3261



35.5706, 0.2750, 0.3668



35.5706, 0.3063, 0.2716

Square

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



35.5706, 0.2750, 0.3668



35.5706, 0.2431, 0.2670



35.5706, 0.3489, 0.2947



35.5706, 0.3858, 0.3891

Rectangle

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



35.5706, 0.2750, 0.3668



35.5706, 0.2372, 0.3002



35.5706, 0.3489, 0.2947



35.5706, 0.3947, 0.3489

Sweetspot

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



35.5720, 0.2750, 0.3668



72.1991, 0.3000, 0.3394



36.0445, 0.3277, 0.4388



15.9504, 0.2987, 0.3405



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.5720, 0.2750, 0.3668



62.6792, 0.2684, 0.3770



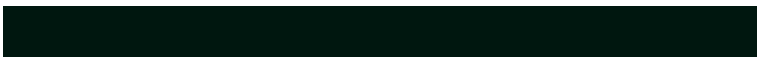
32.6029, 0.2571, 0.3124



9.0253, 0.3030, 0.3368



22.8677, 0.2560, 0.4417



0.6458, 0.2454, 0.4033

Inverse Universe

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



20.8993, 0.3749, 0.2948



32.2373, 0.3962, 0.2874



22.5832, 0.4018, 0.3446



8.0584, 0.3235, 0.3214



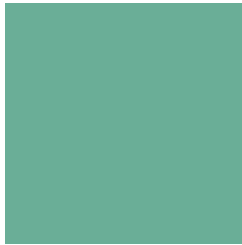
6.7651, 0.5581, 0.2848



0.1986, 0.4734, 0.2381

Previews

White Background



This preview shows how the Yxy color 35.5706, 0.2750, 0.3668 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 35.5706, 0.2750, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

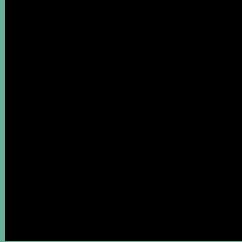
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5706, 0.2750, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 35.5706, 0.2750, 0.3668.



This preview shows how white text looks on a background with the Yxy color 35.5706, 0.2750, 0.3668.

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

35.5706, 0.2750, 0.3668

Protanopia

35.3403, 0.3352, 0.3539

Deuteranopia

35.1564, 0.3348, 0.3291



Tritanopia

35.3722, 0.2578, 0.3073

Trichromacy



Original Color

35.5706, 0.2750, 0.3668

Protanomaly

35.0053, 0.3104, 0.3584

Deuteranomaly

34.7531, 0.3093, 0.3411

Tritanomaly

35.4456, 0.2641, 0.3289

Monochromacy



Original Color

35.5706, 0.2750, 0.3668

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.1815, 0.2971, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5706, 0.2750, 0.3668 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, 174, 151)` looks like.

```
.text, #text, p{  
    color:rgb(106, 174, 151)  
}
```

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, 174, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 174, 151) }
```

Border

The CSS property to change the border of an element to Yxy 35.5706, 0.2750, 0.3668 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, 174, 151) }
```

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

```
.border{ border-color:rgb(106, 174, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 174, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 174, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 174, 151);  
box-shadow:4px 4px 4px 4px rgb(106, 174,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5706, 0.2750, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 174, 151) }
```

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

```
.background{ background-color: rgb(106,  
174, 151) }
```

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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