

Converting Colors

$Yxy(35.7635, 0.2754, 0.3536)$

Have a look what the booklet for
Yxy(35.7635, 0.2754, 0.3536)
contains.

Yxy(35.8322, 0.2756, 0.3547)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.8322, 0.2756, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	71AD9D
RGB	113, 173, 157
RGB Percent	44%, 68%, 62%
CMY	0.5568, 0.3216, 0.3843
CMYK	0.35, 0.00, 0.09, 0.32
HSL	164°, 27%, 56%
HSV	164°, 35%, 68%
XYZ	27.8414, 35.8322, 37.3475
YIQ	153.2360, -30.6240, -17.6960

Conversions

Conversions Part 2

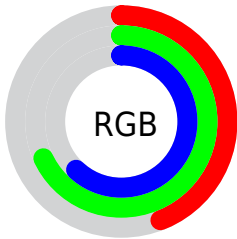
Format	Color
RYB	113, 148, 173
Decimal	7450013
CIELab	66.39, -23.07, 2.05
CIELCh	66, 23.164, 174.914
Yxy	35.8322, 0.2756, 0.3547
Android (android.graphics.Color)	4285640093 (0xFF71AD9D)
YUV	153.2360, 1.8557, -35.2870
Hunter-Lab	59.8600, -21.7330, 4.9101

Details

The Yxy color **35.8322, 0.2756, 0.3547** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.2850, 0.3711, 0.3051**, and the grayscale version is **31.9678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0076, 0.2827, 0.3494**, and **15.4656, 0.2631, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **34.6386, 0.2669, 0.3635**, and if you desaturate by 10%, it is **37.2534, 0.2854, 0.3465**.

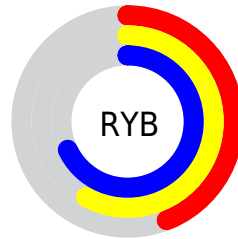
Distribution



Red (44%)

Green (68%)

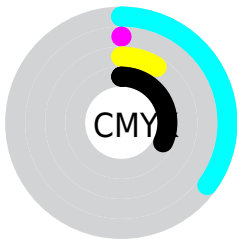
Blue (62%)



Red (44%)

Yellow (58%)

Blue (68%)

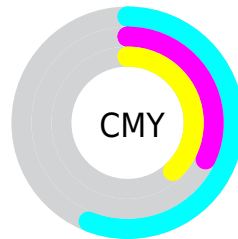


Cyan (35%)

Magenta (0%)

Yellow (9%)

Black (32%)



Cyan (56%)


Magenta (32%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8322, 0.2756, 0.3547 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 35.8322, 0.2756, 0.3547 by changing the saturation by 10% instead.


 35.8322, 0.2756,
0.3547


 35.8322, 0.2756,
0.3547


328.2265, 0.2950,
0.3412

 24.3046, 0.2705,
0.3583


 68.7730, 0.2829,
0.3496


 15.5597, 0.2637,
0.3631


 90.9550, 0.2855,
0.3478

 9.2132, 0.2544,
0.3698


 117.4573, 0.2877,
0.3462

 4.8805, 0.2407,
0.3797

 148.6642, 0.2896,
0.3449

 2.1773, 0.2189,
0.3959

184.9602, 0.2913,
0.3438

 0.7076, 0.0757,
0.4901

226.7297, 0.2927,

 0.0000, 0.0000,

0.3428

0.0000

274.3570, 0.2939,
0.3419

■ 35.8322, 0.2756,
0.3547

■ 35.8322, 0.2756,
0.3547

■ 34.6386, 0.2669,
0.3635

■ 37.2534, 0.2854,
0.3465

■ 33.6556, 0.2597,
0.3728

■ 38.9095, 0.2961,
0.3389

■ 32.8710, 0.2541,
0.3824


■ 40.8124, 0.3073,
0.3320


■ 32.2694, 0.2504,
0.3923


■ 42.9725, 0.3189,
0.3258

■ 31.8329, 0.2487,
0.4022


■ 45.3991, 0.3306,
0.3202


 31.5400, 0.2488,
0.4120

 48.1012, 0.3423,
0.3152

 31.4156, 0.2493,
0.4173

 51.0875, 0.3538,
0.3109

 54.3661, 0.3649,
0.3071

 55.2489, 0.3638,
0.3026

Harmonies

Analogous

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



35.8322, 0.3081, 0.3822



35.8322, 0.2756, 0.3547



35.8322, 0.2537, 0.3205

Triad

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



35.8322, 0.2756, 0.3547



35.8322, 0.2803, 0.2719



35.8322, 0.3832, 0.3610

Complementary

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



35.8322, 0.2756, 0.3547



22.2850, 0.3711, 0.3051

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.



35.8322, 0.3753, 0.3324



35.8322, 0.2756, 0.3547



35.8322, 0.3142, 0.2828

Square

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



35.8322, 0.2756, 0.3547



35.8322, 0.2563, 0.2744



35.8322, 0.3495, 0.3044



35.8322, 0.3710, 0.3836

Rectangle

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



35.8322, 0.2756, 0.3547



35.8322, 0.2473, 0.2999



35.8322, 0.3495, 0.3044



35.8322, 0.3829, 0.3518

Sweetspot

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



35.8337, 0.2756, 0.3547



71.1612, 0.3011, 0.3357



35.8269, 0.3227, 0.4261



15.3660, 0.2996, 0.3367



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.8337, 0.2756, 0.3547



62.4201, 0.2685, 0.3618



31.6726, 0.2619, 0.3080



9.0351, 0.3021, 0.3351



23.0894, 0.2490, 0.4162



0.6507, 0.2407, 0.3865

Inverse Universe

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



22.2850, 0.3711, 0.3051



34.2934, 0.3913, 0.2995



25.0032, 0.3861, 0.3488



8.0491, 0.3246, 0.3230



6.6809, 0.5838, 0.2990



0.1950, 0.4985, 0.2520

Previews

White Background



This preview shows how the Yxy color 35.8322, 0.2756, 0.3547 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 35.8322, 0.2756, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

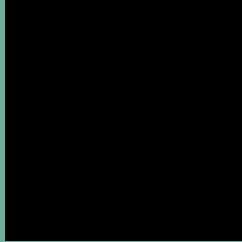
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8322, 0.2756, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 35.8322, 0.2756, 0.3547.

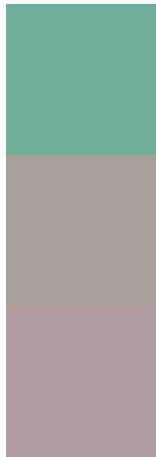


This preview shows how white text looks on a background with the Yxy color 35.8322, 0.2756, 0.3547.

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

35.8322, 0.2756, 0.3547

Protanopia

35.4506, 0.3276, 0.3436

Deuteranopia

35.5802, 0.3279, 0.3220



Tritanopia

35.7168, 0.2612, 0.3075

Trichromacy



Original Color

35.8322, 0.2756, 0.3547

Protanomaly

35.4132, 0.3063, 0.3473

Deuteranomaly

35.1510, 0.3060, 0.3320

Tritanomaly

35.5874, 0.2661, 0.3226

Monochromacy



Original Color

35.8322, 0.2756, 0.3547

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.8780, 0.2973, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8322, 0.2756, 0.3547 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, 173, 157)` looks like.

```
.text, #text, p{  
    color:rgb(113, 173, 157)  
}
```

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, 173, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 173, 157) }
```

Border

The CSS property to change the border of an element to Yxy 35.8322, 0.2756, 0.3547 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, 173, 157) }
```

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

```
.border{ border-color:rgb(113, 173, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 173, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 173, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 173, 157);  
box-shadow:4px 4px 4px 4px rgb(113, 173,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8322, 0.2756, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 173, 157) }
```

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

```
.background{ background-color: rgb(113,  
173, 157) }
```

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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