

Converting Colors

$Yxy(36.2396, 0.2748, 0.3432)$

Have a look what the booklet for
Yxy(36.2396, 0.2748, 0.3432)
contains.

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Color

Yxy(36.3830, 0.2750, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	76ADA3
RGB	118, 173, 163
RGB Percent	46%, 68%, 64%
CMY	0.5372, 0.3216, 0.3608
CMYK	0.32, 0.00, 0.06, 0.32
HSL	169°, 25%, 57%
HSV	169°, 32%, 68%
XYZ	29.0262, 36.3830, 40.1406
YIQ	155.4150, -29.5700, -14.7700

Conversions

Conversions Part 2

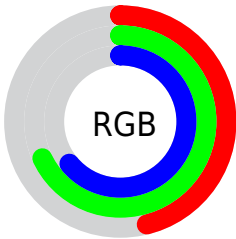
Format	Color
R _{YB}	118, 148, 173
Decimal	7777699
CIE _{Lab}	66.81, -20.24, -0.63
CIE _{LCh}	67, 20.248, 181.780
Y _{xy}	36.3830, 0.2750, 0.3447
Android (android.graphics.Color)	4285967779 (0xFF76ADA3)
YUV	155.4150, 3.7394, -32.8130
Hunter-Lab	60.3183, -19.6599, 2.7666

Details

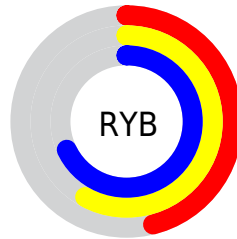
The Yxy color **36.3830, 0.2750, 0.3447** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.4030, 0.3706, 0.3141**, and the grayscale version is **32.9662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8712, 0.2823, 0.3419**, and **15.7739, 0.2637, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **35.1707, 0.2652, 0.3505**, and if you desaturate by 10%, it is **37.8232, 0.2860, 0.3393**.

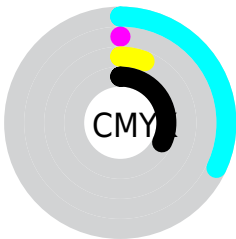
Distribution



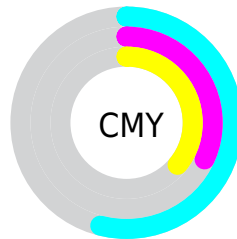
- Red (46%)
- Green (68%)
- Blue (64%)



- Red (46%)
- Yellow (58%)
- Blue (68%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)





- Cyan (54%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3830, 0.2750, 0.3447 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 36.3830, 0.2750, 0.3447 by changing the saturation by 10% instead.


 36.3830, 0.2750,
0.3447


 36.3830, 0.2750,
0.3447


330.6315, 0.2946,
0.3366

 24.7301, 0.2699,
0.3468


 69.6228, 0.2823,
0.3417

 15.8761, 0.2632,
0.3496


 91.9785, 0.2850,
0.3406

 9.4365, 0.2540,
0.3533


 118.6707, 0.2872,
0.3397

 5.0270, 0.2406,
0.3587

150.0837, 0.2891,
0.3389

 2.2631, 0.2196,
0.3672

186.6018, 0.2908,
0.3382

 0.7541, 0.1209,
0.4094

228.6096, 0.2922,

 0.0000, 0.0000,

0.3376

0.0000

276.4913, 0.2934,
0.3371

■ 36.3830, 0.2750,
0.3447

■ 36.3830, 0.2750,
0.3447

■ 35.1707, 0.2652,
0.3505

■ 37.8232, 0.2860,
0.3393

■ 34.1698, 0.2568,
0.3565

■ 39.4981, 0.2979,
0.3343

■ 33.3682, 0.2500,
0.3628


■ 41.4197, 0.3104,
0.3298


■ 32.7512, 0.2451,
0.3693

■ 43.5978, 0.3233,
0.3257

■ 32.3018, 0.2421,
0.3758

■ 46.0418, 0.3363,
0.3220


 31.9999, 0.2410,
0.3823

 48.7605, 0.3493,
0.3187

 31.8266, 0.2410,
0.3876

 51.7624, 0.3621,
0.3159

 54.7865, 0.3733,
0.3133

 54.9239, 0.3704,
0.3100

Harmonies

Analogous

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



36.3830, 0.3019, 0.3705



36.3830, 0.2750, 0.3447



36.3830, 0.2584, 0.3154

Triad

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



36.3830, 0.2750, 0.3447



36.3830, 0.2908, 0.2801



36.3830, 0.3730, 0.3625

Complementary

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



36.3830, 0.2750, 0.3447



23.4030, 0.3706, 0.3141

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.



36.3830, 0.3702, 0.3381



36.3830, 0.2750, 0.3447



36.3830, 0.3214, 0.2921

Square

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



36.3830, 0.2750, 0.3447



36.3830, 0.2672, 0.2796



36.3830, 0.3509, 0.3129



36.3830, 0.3590, 0.3797

Rectangle

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



36.3830, 0.2750, 0.3447



36.3830, 0.2550, 0.2986



36.3830, 0.3509, 0.3129



36.3830, 0.3741, 0.3549

Sweetspot

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



36.3845, 0.2750, 0.3447



71.2617, 0.2999, 0.3336



35.7926, 0.3172, 0.4184



15.3907, 0.2982, 0.3342



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.



36.3845, 0.2750, 0.3447



63.6243, 0.2681, 0.3486



30.5086, 0.2648, 0.3010



9.0467, 0.3010, 0.3332



23.3885, 0.2408, 0.3869



0.6571, 0.2354, 0.3673

Inverse Universe

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



23.4030, 0.3706, 0.3141



36.7682, 0.3889, 0.3108



27.6396, 0.3757, 0.3552



8.0383, 0.3259, 0.3249



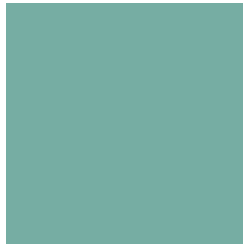
6.6077, 0.6088, 0.3127



0.1907, 0.5337, 0.2714

Previews

White Background



This preview shows how the Yxy color 36.3830, 0.2750, 0.3447 looks on a white background.

Color Contrast Check

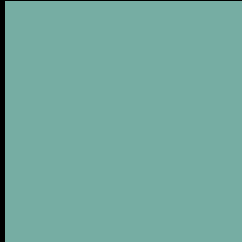
Large Text (above 18pt) WCAG AA × Fail

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 36.3830, 0.2750, 0.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

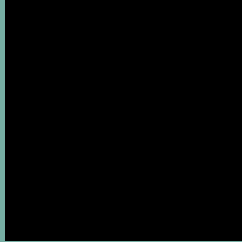
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3830, 0.2750, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 36.3830, 0.2750, 0.3447.

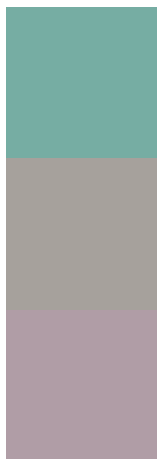


This preview shows how white text looks on a background with the Yxy color 36.3830, 0.2750, 0.3447.

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

36.3830, 0.2750, 0.3447

Protanopia

35.9970, 0.3220, 0.3363

Deuteranopia

36.0972, 0.3231, 0.3165



Tritanopia

36.4211, 0.2636, 0.3077

Trichromacy



Original Color

36.3830, 0.2750, 0.3447

Protanomaly

35.8030, 0.3031, 0.3380

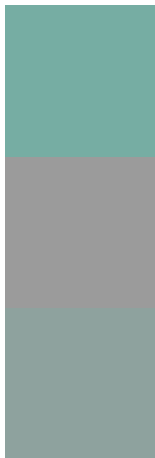
Deuteranomaly

35.8796, 0.3036, 0.3260

Tritanomaly

36.3254, 0.2678, 0.3212

Monochromacy



Original Color

36.3830, 0.2750, 0.3447

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

34.0601, 0.2976, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3830, 0.2750, 0.3447 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(118, 173, 163)` looks like.

```
.text, #text, p{  
    color:rgb(118, 173, 163)  
}
```

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(118, 173, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 173, 163) }
```

Border

The CSS property to change the border of an element to Yxy 36.3830, 0.2750, 0.3447 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(118, 173, 163) }
```

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

```
.border{ border-color:rgb(118, 173, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 173, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 173, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 173, 163);  
box-shadow:4px 4px 4px 4px rgb(118, 173,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3830, 0.2750, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 173, 163) }
```

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

```
.background{ background-color: rgb(118,  
173, 163) }
```

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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