

Converting Colors

$Yxy(34.9247, 0.2755, 0.3404)$

Have a look what the booklet for
Yxy(34.9247, 0.2755, 0.3404)
contains.

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Color

Yxy(34.8361, 0.2751, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	76A9A2
RGB	118, 169, 162
RGB Percent	46%, 66%, 64%
CMY	0.5373, 0.3372, 0.3648
CMYK	0.30, 0.00, 0.04, 0.34
HSL	172°, 23%, 56%
HSV	172°, 30%, 66%
XYZ	28.1782, 34.8361, 39.4147
YIQ	152.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

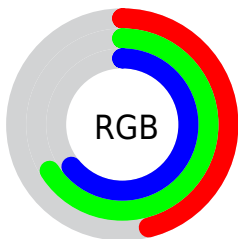
Format	Color
RYB	118, 145, 169
Decimal	7776674
CIELab	65.62, -18.42, -1.81
CIElCh	66, 18.506, 185.619
Yxy	34.8361, 0.2751, 0.3401
Android (android.graphics.Color)	4285966754 (0xFF76A9A2)
YUV	152.9530, 4.4602, -30.6538
Hunter-Lab	59.0221, -18.0696, 1.7219

Details

The Yxy color **34.8361, 0.2751, 0.3401** is a light color, and the websafe version is hex **669999**. A complement of this color would be **22.8705, 0.3695, 0.3184**, and the grayscale version is **31.8222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0917, 0.2825, 0.3373**, and **15.0417, 0.2637, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **33.6766, 0.2646, 0.3444**, and if you desaturate by 10%, it is **36.2119, 0.2867, 0.3361**.

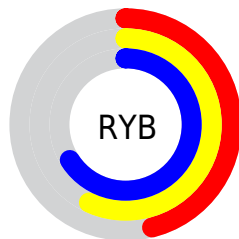
Distribution



Red (46%)

Green (66%)

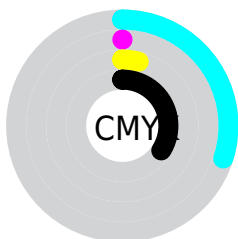
Blue (64%)



Red (46%)

Yellow (57%)

Blue (66%)

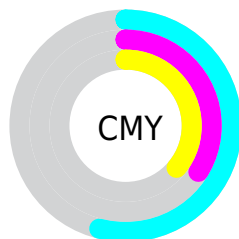


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (34%)



Cyan (54%)


Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8361, 0.2751, 0.3401 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 34.8361, 0.2751, 0.3401 by changing the saturation by 10% instead.


 34.8361, 0.2751,
0.3401


 34.8361, 0.2751,
0.3401


323.8443, 0.2947,
0.3344


 23.5366, 0.2699,
0.3416


 67.2318, 0.2824,
0.3380

 14.9903, 0.2631,
0.3434


 89.0968, 0.2851,
0.3372

 8.8126, 0.2538,
0.3460

 115.2525, 0.2874,
0.3366

 4.6191, 0.2401,
0.3496

146.0832, 0.2893,
0.3360

 2.0256, 0.2184,
0.3551

181.9733, 0.2909,
0.3355

 0.6223, 0.0904,
0.3968

223.3073, 0.2923,

 0.0000, 0.0000,

0.3351

0.0000

270.4695, 0.2936,
0.3348

■ 34.8361, 0.2751,
0.3401

■ 34.8361, 0.2751,
0.3401

■ 33.6766, 0.2646,
0.3444

■ 36.2119, 0.2867,
0.3361

■ 32.7179, 0.2556,
0.3488

■ 37.8104, 0.2993,
0.3324

■ 31.9490, 0.2483,
0.3535


■ 39.6426, 0.3125,
0.3291

■ 31.3561, 0.2427,
0.3582


■ 41.7178, 0.3260,
0.3260

■ 30.9237, 0.2391,
0.3630


■ 44.0448, 0.3397,
0.3233


 30.6332, 0.2372,
0.3678

 46.6318, 0.3534,
0.3209

 30.4463, 0.2368,
0.3724

 49.4867, 0.3668,
0.3188

 52.6170, 0.3799,
0.3169

 53.0541, 0.3793,
0.3146

Harmonies

Analogous

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



34.8361, 0.2992, 0.3648



34.8361, 0.2751, 0.3401



34.8361, 0.2612, 0.3133

Triad

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



34.8361, 0.2751, 0.3401



34.8361, 0.2958, 0.2843



34.8361, 0.3678, 0.3628

Complementary

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



34.8361, 0.2751, 0.3401



22.8705, 0.3695, 0.3184

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.



34.8361, 0.3672, 0.3407



34.8361, 0.2751, 0.3401



34.8361, 0.3246, 0.2968

Square

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



34.8361, 0.2751, 0.3401



34.8361, 0.2727, 0.2825



34.8361, 0.3511, 0.3170



34.8361, 0.3531, 0.3773

Rectangle

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



34.8361, 0.2751, 0.3401



34.8361, 0.2591, 0.2984



34.8361, 0.3511, 0.3170



34.8361, 0.3694, 0.3560

Sweetspot

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



34.8375, 0.2751, 0.3401



68.0271, 0.3006, 0.3321



34.0947, 0.3155, 0.4135



14.7328, 0.2988, 0.3326



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.8375, 0.2751, 0.3401



61.0014, 0.2682, 0.3428



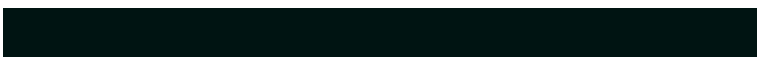
28.8971, 0.2669, 0.2998



8.5140, 0.3005, 0.3321



22.6951, 0.2366, 0.3719



0.5569, 0.2323, 0.3562

Inverse Universe

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



22.8705, 0.3695, 0.3184



36.2072, 0.3870, 0.3160



27.3080, 0.3708, 0.3564



7.5585, 0.3265, 0.3259



6.3383, 0.6188, 0.3183



0.1591, 0.5513, 0.2811

Previews

White Background



This preview shows how the Yxy color 34.8361, 0.2751, 0.3401 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 34.8361, 0.2751, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

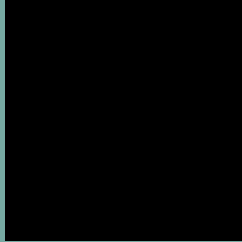
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8361, 0.2751, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 34.8361, 0.2751, 0.3401.



This preview shows how white text looks on a background with the Yxy color 34.8361, 0.2751, 0.3401.

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

34.8361, 0.2751, 0.3401

Protanopia

34.5354, 0.3184, 0.3320

Deuteranopia

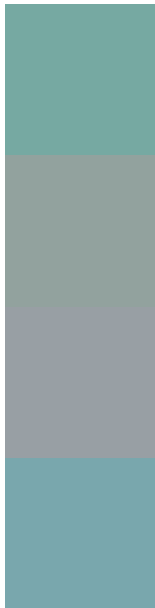
34.4857, 0.3194, 0.3134



Tritanopia

34.7053, 0.2648, 0.3074

Trichromacy



Original Color

34.8361, 0.2751, 0.3401

Protanomaly

34.4203, 0.3012, 0.3351

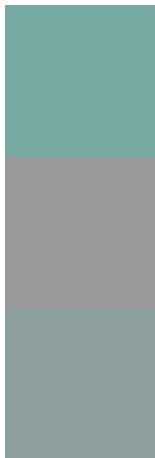
Deuteranomaly

34.1520, 0.3017, 0.3215

Tritanomaly

34.7195, 0.2692, 0.3195

Monochromacy



Original Color

34.8361, 0.2751, 0.3401

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.7720, 0.2974, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8361, 0.2751, 0.3401 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, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(118, 169, 162)  
}
```

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, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 169, 162) }
```

Border

The CSS property to change the border of an element to Yxy 34.8361, 0.2751, 0.3401 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, 169, 162) }
```

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

```
.border{ border-color:rgb(118, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(118, 169,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8361, 0.2751, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 169, 162) }
```

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

```
.background{ background-color: rgb(118,  
169, 162) }
```

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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