

Converting Colors

$Yxy(34.5012, 0.2742, 0.3369)$

Have a look what the booklet for
Yxy(34.5012, 0.2742, 0.3369)
contains.

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Color

Yxy(34.5012, 0.2742, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	76A8A3
RGB	118, 168, 163
RGB Percent	46%, 66%, 64%
CMY	0.5374, 0.3411, 0.3608
CMYK	0.30, 0.00, 0.03, 0.34
HSL	174°, 22%, 56%
HSV	174°, 30%, 66%
XYZ	28.0802, 34.5012, 39.8264
YIQ	152.4800, -28.1950, -12.1550

Conversions

Conversions Part 2

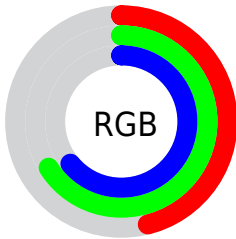
Format	Color
RYB	118, 144, 168
Decimal	7776419
CIELab	65.36, -17.67, -2.76
CIElCh	65, 17.887, 188.873
Yxy	34.5012, 0.2742, 0.3369
Android (android.graphics.Color)	4285966499 (0xFF76A8A3)
YUV	152.4800, 5.1864, -30.2390
Hunter-Lab	58.7377, -17.4571, 0.9155

Details

The Yxy color **34.5012, 0.2742, 0.3369** is a light color, and the websafe version is hex **669999**. A complement of this color would be **22.7037, 0.3709, 0.3214**, and the grayscale version is **31.6012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6080, 0.2818, 0.3349**, and **14.8318, 0.2624, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **33.3697, 0.2633, 0.3400**, and if you desaturate by 10%, it is **35.8458, 0.2863, 0.3340**.

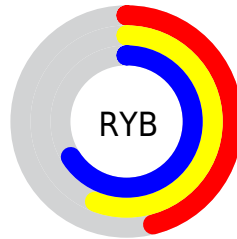
Distribution



Red (46%)

Green (66%)

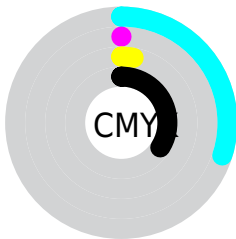
Blue (64%)



Red (46%)

Yellow (56%)

Blue (66%)

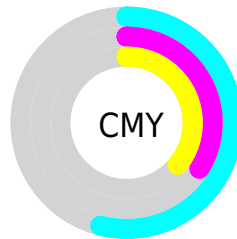


Cyan (30%)

Magenta (0%)

Yellow (3%)

Black (34%)



Cyan (54%)


Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5012, 0.2742, 0.3369 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 34.5012, 0.2742, 0.3369 by changing the saturation by 10% instead.


 34.5012, 0.2742,
0.3369


 34.5012, 0.2742,
0.3369


322.3611, 0.2943,
0.3329


 23.2789, 0.2689,
0.3379


 66.7123, 0.2817,
0.3355

 14.7996, 0.2619,
0.3391


 88.4699, 0.2845,
0.3349

 8.6788, 0.2524,
0.3408


 114.5081, 0.2868,
0.3345

 4.5323, 0.2384,
0.3430

145.2112, 0.2887,
0.3341

 1.9756, 0.2161,
0.3462

180.9637, 0.2904,
0.3337

 0.5932, 0.0846,
0.3792

222.1499, 0.2919,

 0.0000, 0.0000,

0.3334

0.0000

269.1543, 0.2931,
0.3332

■ 34.5012, 0.2742,
0.3369

■ 34.5012, 0.2742,
0.3369

■ 33.3697, 0.2633,
0.3400

■ 35.8458, 0.2863,
0.3340

■ 32.4360, 0.2540,
0.3432

■ 37.4095, 0.2993,
0.3314

■ 31.6893, 0.2463,
0.3465

■ 39.2035, 0.3130,
0.3290

■ 31.1161, 0.2404,
0.3498

■ 41.2367, 0.3271,
0.3268

■ 30.7011, 0.2364,
0.3533

■ 43.5178, 0.3414,
0.3248

■ 30.4264, 0.2342,
0.3566

■ 46.0549, 0.3557,
0.3231

■ 30.2528, 0.2334,
0.3600

■ 48.8557, 0.3697,
0.3215

■ 30.2494, 0.2334,
0.3601

■ 51.9276, 0.3834,
0.3202

■ 52.4900, 0.3841,
0.3185

Harmonies

Analogous

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



34.5012, 0.2968, 0.3614



34.5012, 0.2742, 0.3369



34.5012, 0.2619, 0.3112

Triad

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



34.5012, 0.2742, 0.3369



34.5012, 0.2992, 0.2864



34.5012, 0.3652, 0.3638

Complementary

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



34.5012, 0.2742, 0.3369



22.7037, 0.3709, 0.3214

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.



34.5012, 0.3663, 0.3429



34.5012, 0.2742, 0.3369



34.5012, 0.3273, 0.2995

Square

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



34.5012, 0.2742, 0.3369



34.5012, 0.2759, 0.2835



34.5012, 0.3522, 0.3198



34.5012, 0.3496, 0.3766

Rectangle

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



34.5012, 0.2742, 0.3369



34.5012, 0.2609, 0.2974



34.5012, 0.3522, 0.3198



34.5012, 0.3674, 0.3575

Sweetspot

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



34.5026, 0.2742, 0.3369



68.0655, 0.3001, 0.3312



33.5870, 0.3139, 0.4126



14.7424, 0.2983, 0.3316



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.



34.5026, 0.2742, 0.3369



61.1483, 0.2666, 0.3390



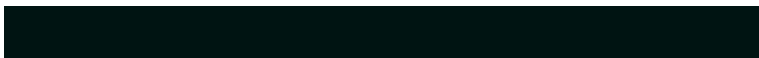
28.1164, 0.2672, 0.2975



8.5189, 0.3000, 0.3313



22.8439, 0.2333, 0.3597



0.5594, 0.2302, 0.3486

Inverse Universe

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



22.7037, 0.3709, 0.3214



36.1124, 0.3903, 0.3196



27.5666, 0.3691, 0.3585



7.5541, 0.3270, 0.3268



6.3206, 0.6259, 0.3222



0.1574, 0.5721, 0.2925

Previews

White Background



This preview shows how the Yxy color 34.5012, 0.2742, 0.3369 looks on a white background.

Color Contrast Check

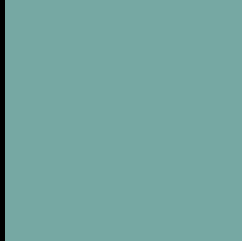
Large Text (above 18pt) WCAG AA × Fail

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 34.5012, 0.2742, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

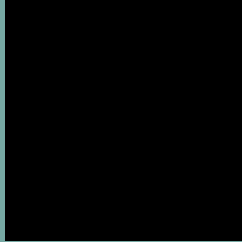
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5012, 0.2742, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 34.5012, 0.2742, 0.3369.



This preview shows how white text looks on a background with the Yxy color 34.5012, 0.2742, 0.3369.

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

34.5012, 0.2742, 0.3369

Protanopia

34.1253, 0.3166, 0.3290

Deuteranopia

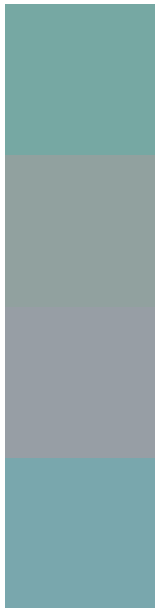
34.0817, 0.3176, 0.3105



Tritanopia

34.6647, 0.2655, 0.3089

Trichromacy



Original Color

34.5012, 0.2742, 0.3369

Protanomaly

34.0127, 0.2995, 0.3320

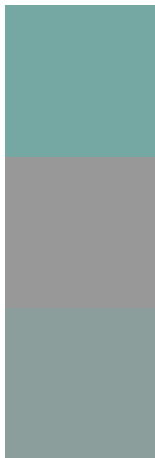
Deuteranomaly

33.7496, 0.2999, 0.3185

Tritanomaly

34.7195, 0.2692, 0.3195

Monochromacy



Original Color

34.5012, 0.2742, 0.3369

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.4295, 0.2974, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5012, 0.2742, 0.3369 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, 168, 163)` looks like.

```
.text, #text, p{  
    color:rgb(118, 168, 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, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 168, 163) }
```

Border

The CSS property to change the border of an element to Yxy 34.5012, 0.2742, 0.3369 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, 168, 163) }
```

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

```
.border{ border-color:rgb(118, 168, 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, 168, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 168, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 168, 163);  
box-shadow:4px 4px 4px 4px rgb(118, 168,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5012, 0.2742, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 168, 163) }
```

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

```
.background{ background-color: rgb(118,  
168, 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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