

Converting Colors

$Yxy(34.9468, 0.2707, 0.3389)$

Have a look what the booklet for
Yxy(34.9468, 0.2707, 0.3389)
contains.

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Color

Yxy(34.9405, 0.2702, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	71AAA4
RGB	113, 170, 164
RGB Percent	44%, 67%, 64%
CMY	0.5566, 0.3334, 0.3569
CMYK	0.33, 0.00, 0.04, 0.33
HSL	174°, 25%, 56%
HSV	174°, 33%, 67%
XYZ	27.8905, 34.9405, 40.3906
YIQ	152.2730, -32.0460, -13.9500

Conversions

Conversions Part 2

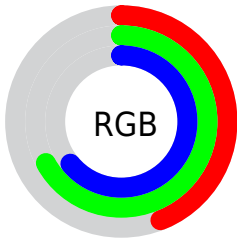
Format	Color
RYB	113, 143, 170
Decimal	7449252
CIELab	65.70, -19.91, -2.84
CIELCh	66, 20.108, 188.115
Yxy	34.9405, 0.2702, 0.3385
Android (android.graphics.Color)	4285639332 (0xFF71AAA4)
YUV	152.2730, 5.7814, -34.4424
Hunter-Lab	59.1105, -19.2206, 0.8641

Details

The Yxy color **34.9405, 0.2702, 0.3385** is a light color, and the websafe version is hex **669999**. A complement of this color would be **21.7029, 0.3807, 0.3200**, and the grayscale version is **31.5142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1804, 0.2784, 0.3361**, and **15.1188, 0.2569, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **33.8530, 0.2599, 0.3418**, and if you desaturate by 10%, it is **36.2430, 0.2818, 0.3354**.

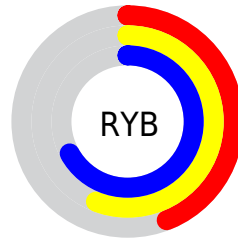
Distribution



Red (44%)

Green (67%)

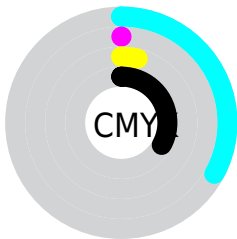
Blue (64%)



Red (44%)

Yellow (56%)

Blue (67%)

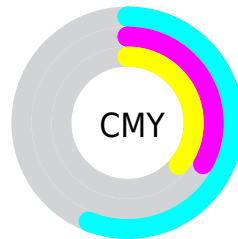


Cyan (33%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (56%)


Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9405, 0.2702, 0.3385 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 34.9405, 0.2702, 0.3385 by changing the saturation by 10% instead.


 34.9405, 0.2702,
0.3385


 34.9405, 0.2702,
0.3385


324.3056, 0.2923,
0.3337


 23.6170, 0.2644,
0.3397


 67.3936, 0.2784,
0.3368

 15.0498, 0.2568,
0.3412


 89.2920, 0.2815,
0.3361

 8.8543, 0.2463,
0.3432


 115.4842, 0.2840,
0.3356

 4.6463, 0.2312,
0.3459

 146.3546, 0.2862,
0.3351

 2.0413, 0.2072,
0.3496

182.2875, 0.2880,
0.3347

 0.6313, 0.0699,
0.3870

223.6674, 0.2896,

 0.0000, 0.0000,

0.3343

0.0000

270.8786, 0.2911,
0.3340

■ 34.9405, 0.2702,
0.3385

■ 34.9405, 0.2702,
0.3385

■ 33.8530, 0.2599,
0.3418

■ 36.2430, 0.2818,
0.3354

■ 32.9643, 0.2512,
0.3452

■ 37.7671, 0.2945,
0.3325

■ 32.2630, 0.2442,
0.3487


■ 39.5245, 0.3079,
0.3299

■ 31.7346, 0.2390,
0.3523


■ 41.5245, 0.3218,
0.3275


■ 31.3623, 0.2357,
0.3559


■ 43.7762, 0.3360,
0.3253

 31.1263, 0.2342,
0.3595

 46.2882, 0.3502,
0.3234

 31.0163, 0.2338,
0.3618

 49.0686, 0.3643,
0.3217

 52.1251, 0.3780,
0.3202

 53.3075, 0.3816,
0.3186

Harmonies

Analogous

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



34.9405, 0.2956, 0.3661



34.9405, 0.2702, 0.3385



34.9405, 0.2563, 0.3095

Triad

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



34.9405, 0.2702, 0.3385



34.9405, 0.2968, 0.2815



34.9405, 0.3718, 0.3672

Complementary

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



34.9405, 0.2702, 0.3385



21.7029, 0.3807, 0.3200

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.



34.9405, 0.3726, 0.3436



34.9405, 0.2702, 0.3385



34.9405, 0.3281, 0.2957

Square

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



34.9405, 0.2702, 0.3385



34.9405, 0.2710, 0.2784



34.9405, 0.3564, 0.3179



34.9405, 0.3545, 0.3821

Rectangle

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



34.9405, 0.2702, 0.3385



34.9405, 0.2549, 0.2940



34.9405, 0.3564, 0.3179



34.9405, 0.3740, 0.3600

Sweetspot

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



34.9419, 0.2702, 0.3385



69.5376, 0.2988, 0.3316



33.9127, 0.3139, 0.4248



15.4132, 0.2970, 0.3320



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.



34.9419, 0.2702, 0.3385



61.9367, 0.2626, 0.3409



27.6500, 0.2615, 0.2929



8.5182, 0.3000, 0.3314



22.8227, 0.2337, 0.3614



0.5590, 0.2305, 0.3496

Inverse Universe

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



21.7029, 0.3807, 0.3200



34.2782, 0.4027, 0.3180



27.0351, 0.3780, 0.3623



7.5547, 0.3270, 0.3266



6.3228, 0.6250, 0.3217



0.1577, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 34.9405, 0.2702, 0.3385 looks on a white background.

Color Contrast Check

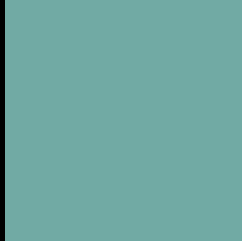
Large Text (above 18pt) WCAG AA × Fail

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 34.9405, 0.2702, 0.3385 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 34.9405, 0.2702, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 34.9405, 0.2702, 0.3385.

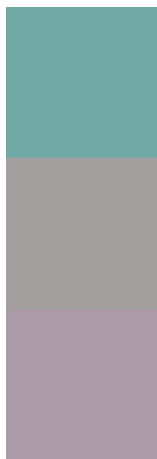


This preview shows how white text looks on a background with the Yxy color 34.9405, 0.2702, 0.3385.

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

34.9405, 0.2702, 0.3385

Protanopia

34.5694, 0.3175, 0.3305

Deuteranopia

34.5591, 0.3175, 0.3106



Tritanopia

34.7555, 0.2607, 0.3072

Trichromacy



Original Color

34.9405, 0.2702, 0.3385

Protanomaly

34.3080, 0.2977, 0.3320

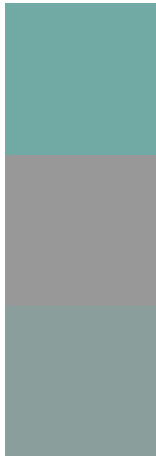
Deuteranomaly

34.3788, 0.2981, 0.3200

Tritanomaly

34.8134, 0.2643, 0.3179

Monochromacy



Original Color

34.9405, 0.2702, 0.3385

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.5998, 0.2956, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9405, 0.2702, 0.3385 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, 170, 164)` looks like.

```
.text, #text, p{  
    color:rgb(113, 170, 164)  
}
```

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, 170, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 170, 164) }
```

Border

The CSS property to change the border of an element to Yxy 34.9405, 0.2702, 0.3385 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, 170, 164) }
```

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

```
.border{ border-color:rgb(113, 170, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 170, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 170, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 170, 164);  
box-shadow:4px 4px 4px 4px rgb(113, 170,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9405, 0.2702, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 170, 164) }
```

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

```
.background{ background-color: rgb(113,  
170, 164) }
```

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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