

Converting Colors

$Yxy(34.8844, 0.2686, 0.3464)$

Have a look what the booklet for
Yxy(34.8844, 0.2686, 0.3464)
contains.

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Color

Yxy(34.7897, 0.2689, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	6BABA0
RGB	107, 171, 160
RGB Percent	42%, 67%, 63%
CMY	0.5802, 0.3294, 0.3725
CMYK	0.37, 0.00, 0.06, 0.33
HSL	170°, 28%, 55%
HSV	170°, 37%, 67%
XYZ	26.9751, 34.7897, 38.5516
YIQ	150.6100, -34.6130, -16.9890

Conversions

Conversions Part 2

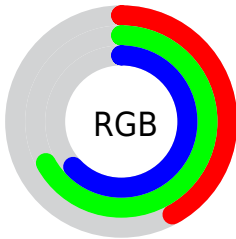
Format	Color
RYB	107, 142, 171
Decimal	7056288
CIELab	65.58, -23.08, -0.83
CIElCh	66, 23.090, 182.051
Yxy	34.7897, 0.2689, 0.3468
Android (android.graphics.Color)	4285246368 (0xFF6BABA0)
YUV	150.6100, 4.6293, -38.2460
Hunter-Lab	58.9828, -21.5851, 2.5356

Details

The Yxy color **34.7897, 0.2689, 0.3468** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.4905, 0.3862, 0.3124**, and the grayscale version is **30.7675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4215, 0.2773, 0.3435**, and **14.8732, 0.2547, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **33.7318, 0.2598, 0.3524**, and if you desaturate by 10%, it is **36.0624, 0.2794, 0.3415**.

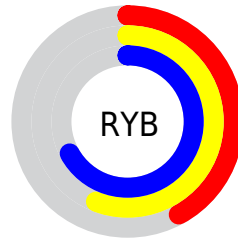
Distribution



Red (42%)

Green (67%)

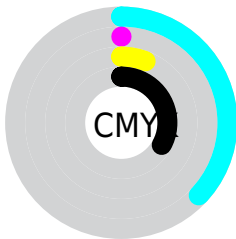
Blue (63%)



Red (42%)

Yellow (56%)

Blue (67%)

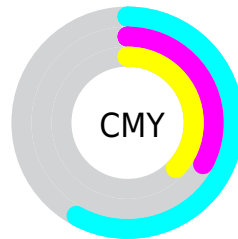


Cyan (37%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (58%)


Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7897, 0.2689, 0.3468 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 34.7897, 0.2689, 0.3468 by changing the saturation by 10% instead.


 34.7897, 0.2689,
0.3468


 34.7897, 0.2689,
0.3468


323.6391, 0.2918,
0.3376


 23.5009, 0.2629,
0.3492


 67.1599, 0.2774,
0.3434

 14.9638, 0.2549,
0.3524


 89.0100, 0.2806,
0.3421

 8.7940, 0.2440,
0.3567


 115.1494, 0.2832,
0.3410

 4.6071, 0.2281,
0.3629

 145.9625, 0.2854,
0.3401

 2.0186, 0.2029,
0.3726

181.8336, 0.2873,
0.3394

 0.6183, 0.0177,
0.4501

223.1471, 0.2890,

 0.0000, 0.0000,

0.3387

0.0000

270.2875, 0.2905,
0.3381

■ 34.7897, 0.2689,
0.3468

■ 34.7897, 0.2689,
0.3468

■ 33.7318, 0.2598,
0.3524

■ 36.0624, 0.2794,
0.3415

■ 32.8721, 0.2522,
0.3582

■ 37.5573, 0.2909,
0.3366

■ 32.1983, 0.2464,
0.3642


■ 39.2861, 0.3032,
0.3321


■ 31.6948, 0.2424,
0.3703

■ 41.2589, 0.3161,
0.3280

■ 31.3437, 0.2404,
0.3764

■ 43.4850, 0.3292,
0.3243


 31.1172, 0.2400,
0.3825

 45.9733, 0.3424,
0.3210

 31.0656, 0.2400,
0.3841

 48.7320, 0.3554,
0.3181

 51.7694, 0.3682,
0.3155

 53.9493, 0.3754,
0.3130

Harmonies

Analogous

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



34.7897, 0.2997, 0.3772



34.7897, 0.2689, 0.3468



34.7897, 0.2502, 0.3126

Triad

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



34.7897, 0.2689, 0.3468



34.7897, 0.2876, 0.2730



34.7897, 0.3825, 0.3674

Complementary

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



34.7897, 0.2689, 0.3468



20.4905, 0.3862, 0.3124

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.



34.7897, 0.3795, 0.3394



34.7897, 0.2689, 0.3468



34.7897, 0.3229, 0.2869

Square

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



34.7897, 0.2689, 0.3468



34.7897, 0.2605, 0.2721



34.7897, 0.3572, 0.3106



34.7897, 0.3658, 0.3876

Rectangle

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



34.7897, 0.2689, 0.3468



34.7897, 0.2464, 0.2934



34.7897, 0.3572, 0.3106



34.7897, 0.3838, 0.3586

Sweetspot

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



34.7911, 0.2689, 0.3468



69.1375, 0.2985, 0.3338



34.0924, 0.3175, 0.4366



15.3269, 0.2969, 0.3343



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.



34.7911, 0.2689, 0.3468



60.6945, 0.2611, 0.3515



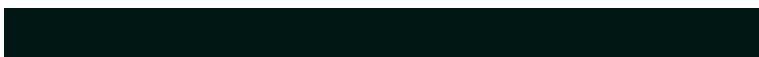
28.1195, 0.2567, 0.2953



9.0481, 0.3008, 0.3329



23.4267, 0.2399, 0.3835



0.6578, 0.2348, 0.3651

Inverse Universe

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



20.4905, 0.3862, 0.3124



31.2986, 0.4116, 0.3088



24.9748, 0.3903, 0.3600



8.0370, 0.3260, 0.3251



6.6008, 0.6113, 0.3141



0.1902, 0.5384, 0.2740

Previews

White Background



This preview shows how the Yxy color 34.7897, 0.2689, 0.3468 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 34.7897, 0.2689, 0.3468 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 34.7897, 0.2689, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 34.7897, 0.2689, 0.3468.



This preview shows how white text looks on a background with the Yxy color 34.7897, 0.2689, 0.3468.

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

34.7897, 0.2689, 0.3468

Protanopia

34.5402, 0.3222, 0.3364

Deuteranopia

34.5622, 0.3213, 0.3149



Tritanopia

34.7862, 0.2575, 0.3086

Trichromacy



Original Color

34.7897, 0.2689, 0.3468

Protanomaly

34.4343, 0.3002, 0.3397

Deuteranomaly

34.0819, 0.2989, 0.3244

Tritanomaly

34.7081, 0.2617, 0.3225

Monochromacy



Original Color

34.7897, 0.2689, 0.3468

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.9377, 0.2945, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7897, 0.2689, 0.3468 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(107, 171, 160)` looks like.

```
.text, #text, p{  
    color:rgb(107, 171, 160)  
}
```

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(107, 171, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 171, 160) }
```

Border

The CSS property to change the border of an element to Yxy 34.7897, 0.2689, 0.3468 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(107, 171, 160) }
```

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

```
.border{ border-color:rgb(107, 171, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 171, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 171, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 171, 160);  
box-shadow:4px 4px 4px 4px rgb(107, 171,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7897, 0.2689, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 171, 160) }
```

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

```
.background{ background-color: rgb(107,  
171, 160) }
```

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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