

Converting Colors

$Yxy(34.2113, 0.2964, 0.3532)$

Have a look what the booklet for
Yxy(34.2113, 0.2964, 0.3532)
contains.

Yxy(34.0988, 0.2962, 0.3528)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.0988, 0.2962, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	85A596
RGB	133, 165, 150
RGB Percent	52%, 65%, 59%
CMY	0.4786, 0.3529, 0.4118
CMYK	0.19, 0.00, 0.09, 0.35
HSL	152°, 15%, 58%
HSV	152°, 19%, 65%
XYZ	28.6283, 34.0988, 33.9248
YIQ	153.7220, -14.2570, -11.4490

Conversions

Conversions Part 2

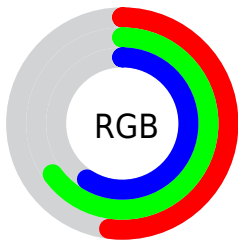
Format	Color
RYB	133, 154, 165
Decimal	8758678
CIELab	65.04, -14.15, 4.14
CIELCh	65, 14.745, 163.696
Yxy	34.0988, 0.2962, 0.3528
Android (android.graphics.Color)	4286948758 (0xFF85A596)
YUV	153.7220, -1.8349, -18.1732
Hunter-Lab	58.3942, -14.6785, 6.4307

Details

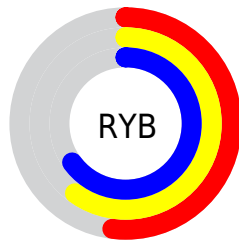
The Yxy color **34.0988, 0.2962, 0.3528** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.9034, 0.3331, 0.3064**, and the grayscale version is **32.1972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1108, 0.3000, 0.3480**, and **14.5501, 0.2912, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **32.6205, 0.2883, 0.3670**, and if you desaturate by 10%, it is **35.8074, 0.3046, 0.3399**.

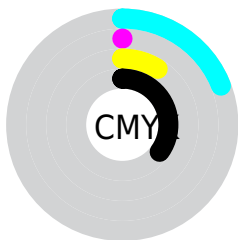
Distribution



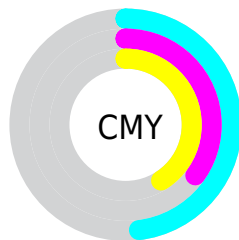
- Red (52%)
- Green (65%)
- Blue (59%)



- Red (52%)
- Yellow (60%)
- Blue (65%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (35%)





- Cyan (48%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0988, 0.2962, 0.3528 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 34.0988, 0.2962, 0.3528 by changing the saturation by 10% instead.


 34.0988, 0.2962,
0.3528


 34.0988, 0.2962,
0.3528


320.5724, 0.3050,
0.3401


 22.9695, 0.2938,
0.3563


 66.0873, 0.2995,
0.3480

 14.5710, 0.2906,
0.3609


 87.7153, 0.3007,
0.3462

 8.5189, 0.2862,
0.3675


 113.6116, 0.3017,
0.3448

 4.4287, 0.2794,
0.3775

144.1607, 0.3026,
0.3435

 1.9162, 0.2681,
0.3945

179.7469, 0.3033,
0.3425

 0.5581, 0.1743,
0.5259

220.7547, 0.3039,

 0.0000, 0.0000,

0.3416

0.0000

267.5684, 0.3045,
0.3408

■ 34.0988, 0.2962,
0.3528

■ 34.0988, 0.2962,
0.3528

■ 32.6205, 0.2883,
0.3670

■ 35.8074, 0.3046,
0.3399

■ 31.3580, 0.2811,
0.3824

■ 37.7515, 0.3132,
0.3284

■ 30.3019, 0.2750,
0.3990

■ 39.9414, 0.3219,
0.3181

■ 29.4402, 0.2702,
0.4164

■ 42.3856, 0.3305,
0.3090

■ 28.7597, 0.2671,
0.4344

■ 45.0922, 0.3388,
0.3009

■ 28.2456, 0.2659,
0.4526

■ 48.0689, 0.3469,
0.2939

■ 27.8804, 0.2666,
0.4704

■ 51.3230, 0.3546,
0.2878

■ 27.6278, 0.2689,
0.4876

■ 52.9206, 0.3533,
0.2809

■ 27.6143, 0.2691,
0.4886

■ 53.3199, 0.3464,
0.2734

Harmonies

Analogous

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



34.0988, 0.3188, 0.3666



34.0988, 0.2962, 0.3528



34.0988, 0.2784, 0.3321

Triad

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



34.0988, 0.2962, 0.3528



34.0988, 0.2848, 0.2908



34.0988, 0.3577, 0.3439

Complementary

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



34.0988, 0.2962, 0.3528



26.9034, 0.3331, 0.3064

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.



34.0988, 0.3480, 0.3245



34.0988, 0.2962, 0.3528



34.0988, 0.3053, 0.2947

Square

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



34.0988, 0.2962, 0.3528



34.0988, 0.2720, 0.2966



34.0988, 0.3285, 0.3068



34.0988, 0.3548, 0.3604

Rectangle

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



34.0988, 0.2962, 0.3528



34.0988, 0.2715, 0.3179



34.0988, 0.3285, 0.3068



34.0988, 0.3558, 0.3375

Sweetspot

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



34.1002, 0.2962, 0.3528



65.2231, 0.3074, 0.3360



34.9455, 0.3250, 0.3787



14.2141, 0.3069, 0.3367



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.1002, 0.2962, 0.3528



59.9534, 0.2930, 0.3583



34.4231, 0.2842, 0.3281



7.9550, 0.3047, 0.3397



20.8972, 0.2686, 0.4869



0.4486, 0.2510, 0.4234

Inverse Universe

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



26.9034, 0.3331, 0.3064



44.8443, 0.3382, 0.3015



26.6049, 0.3498, 0.3299



7.1386, 0.3215, 0.3185



6.4702, 0.5050, 0.2556



0.1455, 0.4234, 0.2106

Previews

White Background



This preview shows how the Yxy color 34.0988, 0.2962, 0.3528 looks on a white background.

Color Contrast Check

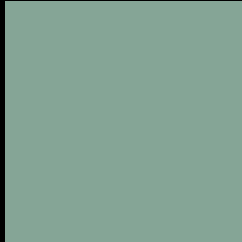
Large Text (above 18pt) WCAG AA × Fail

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 34.0988, 0.2962, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

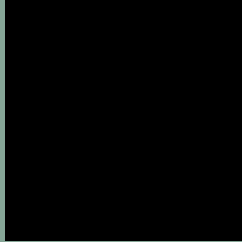
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

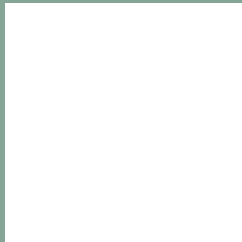
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.0988, 0.2962, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 34.0988, 0.2962, 0.3528.



This preview shows how white text looks on a background with the Yxy color 34.0988, 0.2962, 0.3528.

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

34.0988, 0.2962, 0.3528

Protanopia

33.9758, 0.3288, 0.3454

Deuteranopia

33.7551, 0.3342, 0.3276



Tritanopia

33.8641, 0.2803, 0.3092

Trichromacy



Original Color

34.0988, 0.2962, 0.3528

Protanomaly

33.9236, 0.3166, 0.3489

Deuteranomaly

33.7519, 0.3192, 0.3365

Tritanomaly

33.7915, 0.2866, 0.3243

Monochromacy



Original Color

34.0988, 0.2962, 0.3528

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.8646, 0.3056, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0988, 0.2962, 0.3528 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(133, 165, 150)` looks like.

```
.text, #text, p{  
    color:rgb(133, 165, 150)  
}
```

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(133, 165, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 165, 150) }
```

Border

The CSS property to change the border of an element to Yxy 34.0988, 0.2962, 0.3528 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(133, 165, 150) }
```

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

```
.border{ border-color:rgb(133, 165, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 165, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 165, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 165, 150);  
box-shadow:4px 4px 4px 4px rgb(133, 165,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0988, 0.2962, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 165, 150) }
```

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

```
.background{ background-color: rgb(133,  
165, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor