

Converting Colors

$Y_{xy}(34.2389, 0.2664, 0.3354)$

Have a look what the booklet for
Yxy(34.2389, 0.2664, 0.3354)
contains.

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Color

Yxy(34.3438, 0.2664, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	6DA9A5
RGB	109, 169, 165
RGB Percent	43%, 66%, 65%
CMY	0.5726, 0.3372, 0.3529
CMYK	0.36, 0.00, 0.02, 0.34
HSL	176°, 26%, 55%
HSV	176°, 36%, 66%
XYZ	27.2866, 34.3438, 40.7967
YIQ	150.6040, -34.4760, -13.9640

Conversions

Conversions Part 2

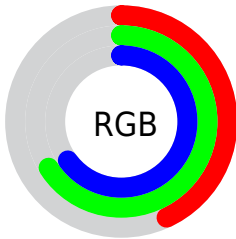
Format	Color
RYB	109, 140, 169
Decimal	7186853
CIELab	65.23, -20.31, -4.12
CIElCh	65, 20.721, 191.482
Yxy	34.3438, 0.2664, 0.3353
Android (android.graphics.Color)	4285376933 (0xFF6DA9A5)
YUV	150.6040, 7.0972, -36.4867
Hunter-Lab	58.6036, -19.4444, -0.2520

Details

The Yxy color **34.3438, 0.2664, 0.3353** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5628, 0.3898, 0.3231**, and the grayscale version is **30.7500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2651, 0.2754, 0.3337**, and **14.7847, 0.2523, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **33.3338, 0.2561, 0.3374**, and if you desaturate by 10%, it is **35.5630, 0.2781, 0.3334**.

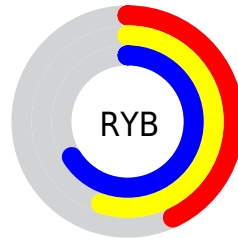
Distribution



Red (43%)

Green (66%)

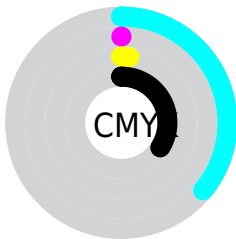
Blue (65%)



Red (43%)

Yellow (55%)

Blue (66%)

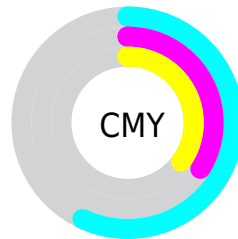


Cyan (36%)

Magenta (0%)

Yellow (2%)

Black (34%)



Cyan (57%)


Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3438, 0.2664, 0.3353 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 34.3438, 0.2664, 0.3353 by changing the saturation by 10% instead.


 34.3438, 0.2664,
0.3353

 34.3438, 0.2664,
0.3353


321.6623, 0.2905,
0.3323


 23.1578, 0.2601,
0.3360


 66.4679, 0.2754,
0.3343


 14.7101, 0.2518,
0.3368


 88.1749, 0.2787,
0.3339

 8.6162, 0.2404,
0.3378


 114.1577, 0.2814,
0.3335

 4.4917, 0.2239,
0.3390

 144.8007, 0.2838,
0.3332

 1.9522, 0.1979,
0.3401

180.4882, 0.2858,
0.3329

 0.5795, 0.0354,
0.3729

221.6048, 0.2876,

 0.0000, 0.0000,

0.3327

0.0000

268.5347, 0.2891,
0.3325

■ 34.3438, 0.2664,
0.3353

■ 34.3438, 0.2664,
0.3353

■ 33.3338, 0.2561,
0.3374

■ 35.5630, 0.2781,
0.3334

■ 32.5170, 0.2474,
0.3395

■ 36.9981, 0.2911,
0.3315

■ 31.8817, 0.2405,
0.3417


■ 38.6607, 0.3048,
0.3299


■ 31.4133, 0.2355,
0.3439


■ 40.5603, 0.3192,
0.3283

■ 31.0948, 0.2323,
0.3461

■ 42.7058, 0.3340,
0.3270

 30.9046, 0.2308,
0.3482

 45.1057, 0.3488,
0.3257

 30.8383, 0.2303,
0.3492

 47.7682, 0.3636,
0.3247

 50.7009, 0.3780,
0.3237

 52.7369, 0.3867,
0.3228

Harmonies

Analogous

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



34.3438, 0.2915, 0.3647



34.3438, 0.2664, 0.3353



34.3438, 0.2536, 0.3057

Triad

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



34.3438, 0.2664, 0.3353



34.3438, 0.2997, 0.2810



34.3438, 0.3727, 0.3708

Complementary

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



34.3438, 0.2664, 0.3353



20.5628, 0.3898, 0.3231

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.



34.3438, 0.3757, 0.3470



34.3438, 0.2664, 0.3353



34.3438, 0.3323, 0.2968

Square

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



34.3438, 0.2664, 0.3353



34.3438, 0.2720, 0.2763



34.3438, 0.3607, 0.3204



34.3438, 0.3531, 0.3849

Rectangle

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



34.3438, 0.2664, 0.3353



34.3438, 0.2533, 0.2904



34.3438, 0.3607, 0.3204



34.3438, 0.3757, 0.3636

Sweetspot

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



34.3452, 0.2664, 0.3353



67.4916, 0.2969, 0.3308



32.9914, 0.3112, 0.4322



14.6284, 0.2951, 0.3310



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.



34.3452, 0.2664, 0.3353



59.9859, 0.2578, 0.3370



25.7599, 0.2578, 0.2852



8.5233, 0.2996, 0.3305



22.9858, 0.2303, 0.3490



0.5617, 0.2283, 0.3417

Inverse Universe

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



20.5628, 0.3898, 0.3231



31.4199, 0.4173, 0.3217



26.8665, 0.3815, 0.3688



7.5501, 0.3276, 0.3275



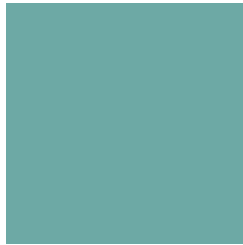
6.3081, 0.6310, 0.3250



0.1559, 0.5928, 0.3039

Previews

White Background



This preview shows how the Yxy color 34.3438, 0.2664, 0.3353 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 34.3438, 0.2664, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

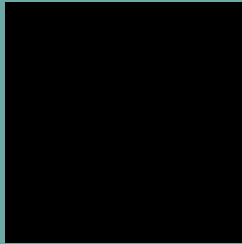
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3438, 0.2664, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 34.3438, 0.2664, 0.3353.

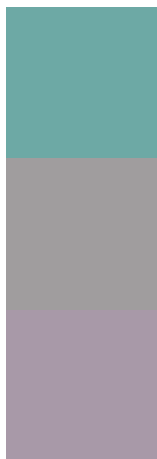


This preview shows how white text looks on a background with the Yxy color 34.3438, 0.2664, 0.3353.

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

34.3438, 0.2664, 0.3353

Protanopia

34.0561, 0.3147, 0.3275

Deuteranopia

33.9344, 0.3137, 0.3076



Tritanopia

34.4434, 0.2586, 0.3086

Trichromacy



Original Color

34.3438, 0.2664, 0.3353

Protanomaly

33.7257, 0.2942, 0.3289

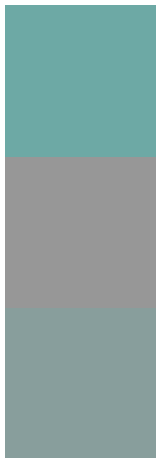
Deuteranomaly

33.7893, 0.2946, 0.3169

Tritanomaly

34.5452, 0.2615, 0.3178

Monochromacy



Original Color

34.3438, 0.2664, 0.3353

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.0883, 0.2937, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3438, 0.2664, 0.3353 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(109, 169, 165)` looks like.

```
.text, #text, p{  
    color:rgb(109, 169, 165)  
}
```

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(109, 169, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 169, 165) }
```

Border

The CSS property to change the border of an element to Yxy 34.3438, 0.2664, 0.3353 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(109, 169, 165) }
```

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

```
.border{ border-color:rgb(109, 169, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 169, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 169, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 169, 165);  
box-shadow:4px 4px 4px 4px rgb(109, 169,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3438, 0.2664, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 169, 165) }
```

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

```
.background{ background-color: rgb(109,  
169, 165) }
```

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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