

Converting Colors

$Yxy(33.9547, 0.2505, 0.3236)$

Have a look what the booklet for
Yxy(33.9547, 0.2505, 0.3236)
contains.

| | |
|--|----|
| Yxy(34.0419, 0.2506, 0.3239) | 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(34.0419, 0.2506, 0.3239)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5CAAAD |
| RGB | 92, 170, 173 |
| RGB Percent | 36%, 67%, 68% |
| CMY | 0.6389, 0.3334, 0.3215 |
| CMYK | 0.47, 0.02, 0.00, 0.32 |
| HSL | 182°, 33%, 52% |
| HSV | 182°, 47%, 68% |
| XYZ | 26.3381, 34.0419, 44.7201 |
| YIQ | 147.0200, -47.4510, -15.6030 |

Conversions

Conversions Part 2

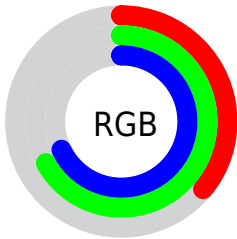
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 92, 132, 173 |
| Decimal | 6073005 |
| CIE Lab | 65.00, -23.14, -9.02 |
| CIE LCh | 65, 24.839, 201.287 |
| Yxy | 34.0419, 0.2506, 0.3239 |
| Android (android.graphics.Color) | 4284263085 (0xFF5CAAAD) |
| YUV | 147.0200, 12.8081, -48.2525 |
| Hunter-Lab | 58.3454, -21.5267, -4.6022 |

Details

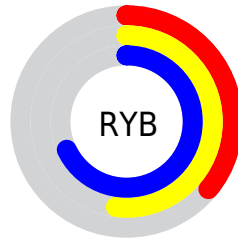
The Yxy color **34.0419, 0.2506, 0.3239** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.8629, 0.4350, 0.3339**, and the grayscale version is **29.1564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1972, 0.2625, 0.3264**, and **14.6607, 0.2316, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **33.0095, 0.2413, 0.3227**, and if you desaturate by 10%, it is **35.2816, 0.2616, 0.3251**.

Distribution



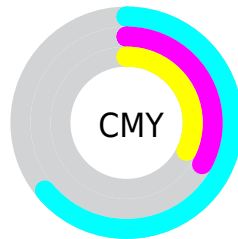
- Red (36%)
- Green (67%)
- Blue (68%)



- Red (36%)
- Yellow (52%)
- Blue (68%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (32%)





- Cyan (64%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0419, 0.2506, 0.3239 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 34.0419, 0.2506, 0.3239 by changing the saturation by 10% instead.


 34.0419, 0.2506,
0.3239


 34.0419, 0.2506,
0.3239


320.3188, 0.2827,
0.3273


 22.9258, 0.2423,
0.3228


 65.9988, 0.2625,
0.3253


 14.5387, 0.2315,
0.3211


 87.6084, 0.2669,
0.3258

 8.4963, 0.2168,
0.3185


 113.4846, 0.2706,
0.3262

 4.4141, 0.1959,
0.3140

 144.0119, 0.2737,
0.3265

 1.9078, 0.1640,
0.3053

179.5745, 0.2764,
0.3267

 0.5531, 0.0000,
0.3053

220.5570, 0.2788,

 0.0000, 0.0000,

0.3269

0.0000

267.3436, 0.2808,
0.3271

■ 34.0419, 0.2506,
0.3239

■ 34.0419, 0.2506,
0.3239

■ 33.0095, 0.2413,
0.3227

■ 35.2816, 0.2616,
0.3251

■ 32.1665, 0.2337,
0.3214

■ 36.7375, 0.2741,
0.3262

■ 31.4983, 0.2281,
0.3202


■ 38.4224, 0.2878,
0.3273

■ 30.9866, 0.2243,
0.3190


■ 40.3472, 0.3024,
0.3284


■ 30.6054, 0.2221,
0.3178

■ 42.5221, 0.3177,
0.3293

 30.4933, 0.2215,
0.3174

 44.9566, 0.3333,
0.3302

 47.6598, 0.3491,
0.3309

 50.6402, 0.3647,
0.3316

 53.9062, 0.3800,
0.3322

Harmonies

Analogous

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



34.0419, 0.2760, 0.3614



34.0419, 0.2506, 0.3239



34.0419, 0.2412, 0.2909

Triad

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



34.0419, 0.2506, 0.3239



34.0419, 0.3095, 0.2769



34.0419, 0.3788, 0.3859

Complementary

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



34.0419, 0.2506, 0.3239



17.8629, 0.4350, 0.3339

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.



34.0419, 0.3898, 0.3599



34.0419, 0.2506, 0.3239



34.0419, 0.3484, 0.2990

Square

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



34.0419, 0.2506, 0.3239



34.0419, 0.2735, 0.2666



34.0419, 0.3786, 0.3286



34.0419, 0.3500, 0.3983

Rectangle

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



34.0419, 0.2506, 0.3239



34.0419, 0.2447, 0.2759



34.0419, 0.3786, 0.3286



34.0419, 0.3848, 0.3783

Sweetspot

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



34.0432, 0.2506, 0.3239



69.6368, 0.2914, 0.3276



32.9918, 0.3042, 0.4684



14.9840, 0.2884, 0.3274



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.



34.0432, 0.2506, 0.3239



59.0793, 0.2411, 0.3226



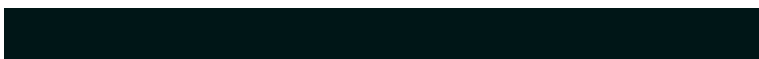
21.2232, 0.2380, 0.2535



9.0201, 0.2987, 0.3281



22.4195, 0.2215, 0.3175



0.6391, 0.2226, 0.3212

Inverse Universe

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



19.4570, 0.3216, 0.2209



29.9373, 0.3236, 0.2011



27.0558, 0.4049, 0.3931



8.1428, 0.3143, 0.3075



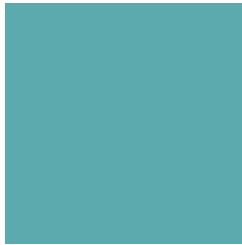
8.5663, 0.3303, 0.1593



0.2399, 0.3272, 0.1576

Previews

White Background



This preview shows how the Yxy color 34.0419, 0.2506, 0.3239 looks on a white background.

Color Contrast Check

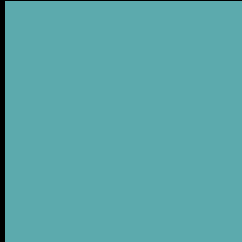
Large Text (above 18pt) WCAG AA × Fail

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 34.0419, 0.2506, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

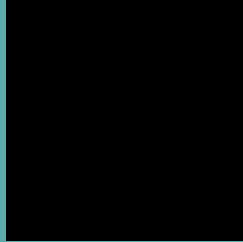
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0419, 0.2506, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 34.0419, 0.2506, 0.3239.

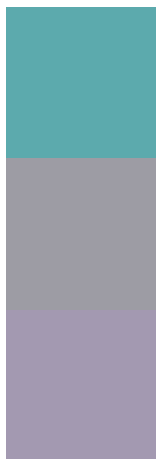


This preview shows how white text looks on a background with the Yxy color 34.0419, 0.2506, 0.3239.

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

34.0419, 0.2506, 0.3239

Protanopia

33.6254, 0.3065, 0.3172

Deuteranopia

33.7433, 0.3008, 0.2948



Tritanopia

34.1862, 0.2465, 0.3081

Trichromacy



Original Color

34.0419, 0.2506, 0.3239

Protanomaly

33.2663, 0.2824, 0.3196

Deuteranomaly

33.2492, 0.2785, 0.3031

Tritanomaly

34.0103, 0.2477, 0.3128

Monochromacy



Original Color

34.0419, 0.2506, 0.3239

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.3550, 0.2855, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0419, 0.2506, 0.3239 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(92, 170, 173)` looks like.

```
.text, #text, p{  
  color:rgb(92, 170, 173)  
}
```

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(92, 170, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 170, 173) }
```

Border

The CSS property to change the border of an element to Yxy 34.0419, 0.2506, 0.3239 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(92, 170, 173) }
```

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

```
.border{ border-color:rgb(92, 170, 173) }
```

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

Here you see how a box with a 4 pixel rgb(92, 170, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 170, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 170, 173);  
box-shadow:4px 4px 4px 4px rgb(92, 170,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0419, 0.2506, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 170, 173) }
```

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

```
.background{ background-color: rgb(92, 170,  
173) }
```

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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