

Converting Colors

$Yxy(34.5541, 0.2723, 0.3590)$

Have a look what the booklet for
Yxy(34.5541, 0.2723, 0.3590)
contains.

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Color

Yxy(34.4290, 0.2724, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	69AB99
RGB	105, 171, 153
RGB Percent	41%, 67%, 60%
CMY	0.5879, 0.3295, 0.4000
CMYK	0.39, 0.00, 0.11, 0.33
HSL	164°, 28%, 54%
HSV	164°, 39%, 67%
XYZ	26.1457, 34.4290, 35.4080
YIQ	149.2140, -33.5580, -19.5900

Conversions

Conversions Part 2

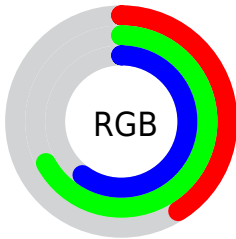
Format	Color
RYB	105, 143, 171
Decimal	6925209
CIELab	65.30, -25.26, 2.64
CIElCh	65, 25.396, 174.031
Yxy	34.4290, 0.2724, 0.3587
Android (android.graphics.Color)	4285115289 (0xFF69AB99)
YUV	149.2140, 1.8665, -38.7757
Hunter-Lab	58.6762, -23.1451, 5.2950

Details

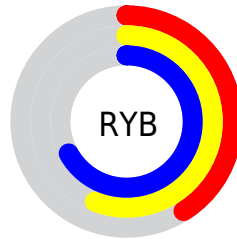
The Yxy color **34.4290, 0.2724, 0.3587** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.2078, 0.3798, 0.3018**, and the grayscale version is **30.1603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8141, 0.2806, 0.3536**, and **14.6731, 0.2594, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **33.3449, 0.2643, 0.3679**, and if you desaturate by 10%, it is **35.7301, 0.2817, 0.3501**.

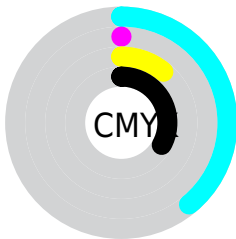
Distribution



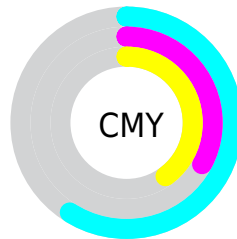
- Red (41%)
- Green (67%)
- Blue (60%)



- Red (41%)
- Yellow (56%)
- Blue (67%)



- Cyan (39%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)





- Cyan (59%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4290, 0.2724, 0.3587 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 34.4290, 0.2724, 0.3587 by changing the saturation by 10% instead.


 34.4290, 0.2724,
0.3587


 34.4290, 0.2724,
0.3587


322.0407, 0.2936,
0.3429

 23.2234, 0.2667,
0.3630


 66.6002, 0.2804,
0.3527


 14.7585, 0.2592,
0.3687


 88.3346, 0.2833,
0.3506

 8.6501, 0.2488,
0.3767


 114.3474, 0.2857,
0.3488

 4.5137, 0.2334,
0.3887

 145.0230, 0.2878,
0.3472

 1.9648, 0.2086,
0.4087

180.7457, 0.2896,
0.3459

 0.5869, 0.0000,
0.5636

221.8999, 0.2911,

 0.0000, 0.0000,

0.3448

0.0000

268.8702, 0.2924,
0.3438

■ 34.4290, 0.2724,
0.3587

■ 34.4290, 0.2724,
0.3587

■ 33.3449, 0.2643,
0.3679

■ 35.7301, 0.2817,
0.3501

■ 32.4611, 0.2578,
0.3776

■ 37.2557, 0.2920,
0.3421

■ 31.7649, 0.2529,
0.3875


■ 39.0178, 0.3030,
0.3347


■ 31.2406, 0.2500,
0.3977


■ 41.0265, 0.3144,
0.3281


■ 30.8698, 0.2490,
0.4078

■ 43.2912, 0.3260,
0.3221


 30.6193, 0.2497,
0.4179

 45.8208, 0.3376,
0.3168

 30.5860, 0.2498,
0.4194

 48.6239, 0.3490,
0.3121

 51.7086, 0.3602,
0.3080

 54.3218, 0.3675,
0.3041

Harmonies

Analogous

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



34.4290, 0.3085, 0.3891



34.4290, 0.2724, 0.3587



34.4290, 0.2479, 0.3203

Triad

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



34.4290, 0.2724, 0.3587



34.4290, 0.2758, 0.2659



34.4290, 0.3911, 0.3631

Complementary

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



34.4290, 0.2724, 0.3587



20.2078, 0.3798, 0.3018

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.



34.4290, 0.3818, 0.3314



34.4290, 0.2724, 0.3587



34.4290, 0.3130, 0.2776

Square

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



34.4290, 0.2724, 0.3587



34.4290, 0.2498, 0.2689



34.4290, 0.3525, 0.3010



34.4290, 0.3780, 0.3888

Rectangle

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



34.4290, 0.2724, 0.3587



34.4290, 0.2407, 0.2973



34.4290, 0.3525, 0.3010



34.4290, 0.3906, 0.3529

Sweetspot

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



34.4304, 0.2724, 0.3587



68.6805, 0.2989, 0.3373



34.4104, 0.3235, 0.4384



15.2270, 0.2975, 0.3382



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.



34.4304, 0.2724, 0.3587



60.0371, 0.2656, 0.3663



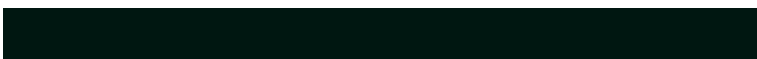
29.9637, 0.2567, 0.3053



9.0342, 0.3021, 0.3353



23.0695, 0.2496, 0.4184



0.6503, 0.2411, 0.3879

Inverse Universe

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



20.2078, 0.3798, 0.3018



31.0173, 0.4018, 0.2961



22.9579, 0.3974, 0.3511



8.0499, 0.3245, 0.3228



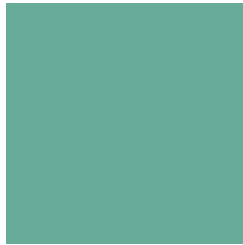
6.6872, 0.5817, 0.2978



0.1953, 0.4962, 0.2507

Previews

White Background



This preview shows how the Yxy color 34.4290, 0.2724, 0.3587 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 34.4290, 0.2724, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

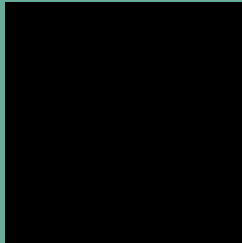
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4290, 0.2724, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 34.4290, 0.2724, 0.3587.

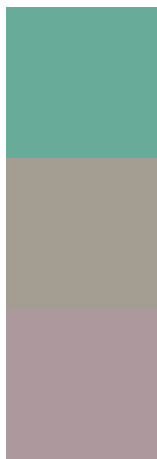


This preview shows how white text looks on a background with the Yxy color 34.4290, 0.2724, 0.3587.

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

34.4290, 0.2724, 0.3587

Protanopia

33.9758, 0.3288, 0.3454

Deuteranopia

34.1010, 0.3291, 0.3233



Tritanopia

34.3775, 0.2579, 0.3085

Trichromacy



Original Color

34.4290, 0.2724, 0.3587

Protanomaly

33.7614, 0.3052, 0.3493

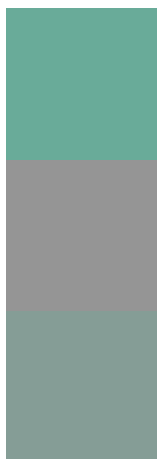
Deuteranomaly

33.8378, 0.3048, 0.3351

Tritanomaly

34.1588, 0.2628, 0.3256

Monochromacy



Original Color

34.4290, 0.2724, 0.3587

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.3025, 0.2960, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4290, 0.2724, 0.3587 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(105, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(105, 171, 153)  
}
```

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(105, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 171, 153) }
```

Border

The CSS property to change the border of an element to Yxy 34.4290, 0.2724, 0.3587 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(105, 171, 153) }
```

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

```
.border{ border-color:rgb(105, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(105, 171,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4290, 0.2724, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 171, 153) }
```

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

```
.background{ background-color: rgb(105,  
171, 153) }
```

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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