

Converting Colors

$Yxy(35.5051, 0.2993, 0.4207)$

Have a look what the booklet for
Yxy(35.5051, 0.2993, 0.4207)
contains.

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Color

$\text{Yxy}(35.3554, 0.2996, 0.4201)$

Conversions

Conversions Part 1

Format	Color
Hex	6EAF79
RGB	110, 175, 121
RGB Percent	43%, 69%, 47%
CMY	0.5685, 0.3137, 0.5254
CMYK	0.37, 0.00, 0.31, 0.31
HSL	130°, 29%, 56%
HSV	130°, 37%, 69%
XYZ	25.2142, 35.3554, 23.5899
YIQ	149.4090, -21.4060, -30.5740

Conversions

Conversions Part 2

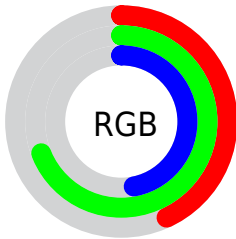
Format	Color
RYB	110, 166, 175
Decimal	7253881
CIELab	66.02, -32.28, 21.30
CIElCh	66, 38.676, 146.582
Yxy	35.3554, 0.2996, 0.4201
Android (android.graphics.Color)	4285443961 (0xFF6EAF79)
YUV	149.4090, -14.0056, -34.5617
Hunter-Lab	59.4604, -28.3628, 18.1000

Details

The Yxy color **35.3554, 0.2996, 0.4201** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.9505, 0.3296, 0.2525**, and the grayscale version is **30.3062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1003, 0.3029, 0.4004**, and **15.2865, 0.2928, 0.4533** is the 20% darker color. If you saturate the color by 10%, you get **34.0125, 0.2966, 0.4500**, and if you desaturate by 10%, it is **36.9767, 0.3030, 0.3921**.

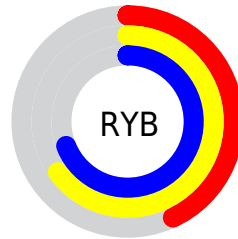
Distribution



Red (43%)

Green (69%)

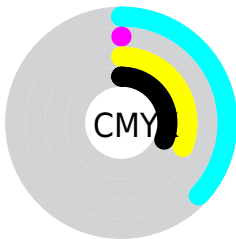
Blue (47%)



Red (43%)

Yellow (65%)

Blue (69%)

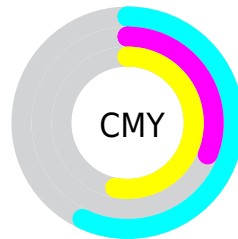


Cyan (37%)

Magenta (0%)

Yellow (31%)

Black (31%)



Cyan (57%)


Magenta (31%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3554, 0.2996, 0.4201 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 35.3554, 0.2996, 0.4201 by changing the saturation by 10% instead.


 35.3554, 0.2996,
0.4201


 35.3554, 0.2996,
0.4201


326.1343, 0.3078,
0.3700

 23.9368, 0.2969,
0.4342


 68.0360, 0.3030,
0.4007


 15.2867, 0.2930,
0.4535


 90.0667, 0.3042,
0.3938

 9.0209, 0.2868,
0.4810


 116.4036, 0.3051,
0.3881

 4.7548, 0.2761,
0.5234

 147.4311, 0.3058,
0.3833

 2.1041, 0.2610,
0.6106

183.5335, 0.3064,
0.3793

 0.6669, 0.0000,
1.0000

225.0952, 0.3069,

 0.0000, 0.0000,

0.3758

0.0000

272.5007, 0.3074,
0.3727

■ 35.3554, 0.2996,
0.4201

■ 35.3554, 0.2996,
0.4201

■ 34.0125, 0.2966,
0.4500

■ 36.9767, 0.3030,
0.3921

■ 32.9280, 0.2944,
0.4807

■ 38.8863, 0.3065,
0.3665

■ 32.0864, 0.2930,
0.5109


■ 41.0989, 0.3102,
0.3437

■ 31.4686, 0.2927,
0.5386


■ 43.6269, 0.3137,
0.3235


■ 31.0523, 0.2935,
0.5622

■ 46.4822, 0.3171,
0.3058


 30.8063, 0.2952,
0.5801

 49.6759, 0.3204,
0.2905

 30.7514, 0.2956,
0.5843

 53.2187, 0.3234,
0.2773

 57.1206, 0.3262,
0.2658

 58.9390, 0.3188,
0.2535

Harmonies

Analogous

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



35.3554, 0.3575, 0.4373



35.3554, 0.2996, 0.4201



35.3554, 0.2481, 0.3692

Triad

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



35.3554, 0.2996, 0.4201



35.3554, 0.2231, 0.2393



35.3554, 0.4201, 0.3340

Complementary

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



35.3554, 0.2996, 0.4201



22.9505, 0.3296, 0.2525

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.



35.3554, 0.3771, 0.2907



35.3554, 0.2996, 0.4201



35.3554, 0.2614, 0.2383

Square

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



35.3554, 0.2996, 0.4201



35.3554, 0.2072, 0.2627



35.3554, 0.3172, 0.2568



35.3554, 0.4302, 0.3798

Rectangle

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



35.3554, 0.2996, 0.4201



35.3554, 0.2238, 0.3283



35.3554, 0.3172, 0.2568



35.3554, 0.4089, 0.3190

Sweetspot

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



35.3569, 0.2996, 0.4201



71.9318, 0.3087, 0.3526



39.6964, 0.3569, 0.4230



15.8707, 0.3082, 0.3556



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.3569, 0.2996, 0.4201



61.2137, 0.2970, 0.4459



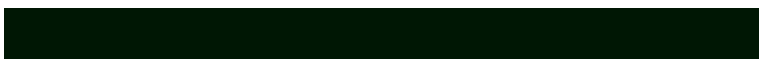
36.2871, 0.2763, 0.3641



8.9607, 0.3094, 0.3484



22.0288, 0.2952, 0.5828



0.6193, 0.2817, 0.5340

Inverse Universe

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



22.9505, 0.3296, 0.2525



35.5815, 0.3346, 0.2355



21.9273, 0.3711, 0.2970



8.1244, 0.3162, 0.3104



8.0071, 0.3681, 0.1801



0.2288, 0.3516, 0.1711

Previews

White Background



This preview shows how the Yxy color 35.3554, 0.2996, 0.4201 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 35.3554, 0.2996, 0.4201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

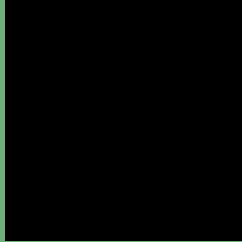
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3554, 0.2996, 0.4201

Background



This preview shows how black text looks on a background with the Yxy color 35.3554, 0.2996, 0.4201.



This preview shows how white text looks on a background with the Yxy color 35.3554, 0.2996, 0.4201.

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

35.3554, 0.2996, 0.4201

Protanopia

35.1272, 0.3677, 0.3959

Deuteranopia

34.8536, 0.3749, 0.3665



Tritanopia

35.1112, 0.2643, 0.3075

Trichromacy



Original Color

35.3554, 0.2996, 0.4201

Protanomaly

34.5842, 0.3394, 0.4039

Deuteranomaly

34.3159, 0.3445, 0.3853

Tritanomaly

35.1042, 0.2774, 0.3465

Monochromacy



Original Color

35.3554, 0.2996, 0.4201

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.4687, 0.3074, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3554, 0.2996, 0.4201 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(110, 175, 121)` looks like.

```
.text, #text, p{  
    color:rgb(110, 175, 121)  
}
```

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(110, 175, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 175, 121) }
```

Border

The CSS property to change the border of an element to Yxy 35.3554, 0.2996, 0.4201 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(110, 175, 121) }
```

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

```
.border{ border-color:rgb(110, 175, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 175, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 175, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 175, 121);  
box-shadow:4px 4px 4px 4px rgb(110, 175,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3554, 0.2996, 0.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 175, 121) }
```

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

```
.background{ background-color: rgb(110,  
175, 121) }
```

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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