

Converting Colors

$Y_{xy}(21.2874, 0.3031, 0.3570)$

Have a look what the booklet for
Yxy(21.2874, 0.3031, 0.3570)
contains.

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Color

$Y_{xy}(21.1255, 0.3025, 0.3560)$

Conversions

Conversions Part 1

Format	Color
Hex	6E8476
RGB	110, 132, 118
RGB Percent	43%, 52%, 46%
CMY	0.5686, 0.4823, 0.5373
CMYK	0.17, 0.00, 0.11, 0.48
HSL	142°, 9%, 47%
HSV	142°, 17%, 52%
XYZ	17.9507, 21.1255, 20.2651
YIQ	123.8260, -8.6180, -9.0180

Conversions

Conversions Part 2

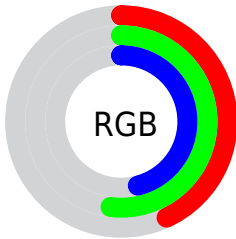
Format	Color
R_{YB}	110, 126, 132
Decimal	7242870
CIE _{Lab}	53.09, -10.92, 4.93
CIE _{LCh}	53, 11.977, 155.717
Yxy	21.1255, 0.3025, 0.3560
Android (android.graphics.Color)	4285432950 (0xFF6E8476)
YUV	123.8260, -2.8722, -12.1254
Hunter-Lab	45.9625, -10.7208, 6.0325

Details

The Yxy color **21.1255, 0.3025, 0.3560** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.5138, 0.3246, 0.3034**, and the grayscale version is **20.1069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.2816, 0.3051, 0.3497**, and **7.6528, 0.2976, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **20.1506, 0.2966, 0.3747**, and if you desaturate by 10%, it is **22.2461, 0.3086, 0.3392**.

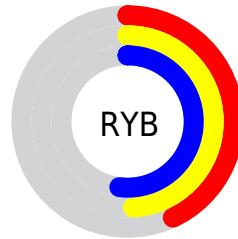
Distribution



Red (43%)

Green (52%)

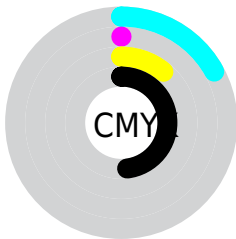
Blue (46%)



Red (43%)

Yellow (49%)

Blue (52%)

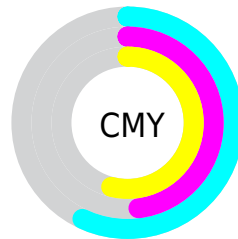


Cyan (17%)

Magenta (0%)

Yellow (11%)

Black (48%)



Cyan (57%)


Magenta (48%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1255, 0.3025, 0.3560 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 21.1255, 0.3025, 0.3560 by changing the saturation by 10% instead.


 21.1255, 0.3025,
0.3560


 21.1255, 0.3025,
0.3560


257.9447, 0.3084,
0.3405


 13.2158, 0.3007,
0.3608


 45.2963, 0.3049,
0.3498


 7.5773, 0.2980,
0.3676


 62.3262, 0.3057,
0.3476

 3.8257, 0.2940,
0.3781

 83.1649, 0.3064,
0.3459

 1.5765, 0.2868,
0.3966

 108.1968, 0.3069,
0.3444

 0.3417, 0.1362,
0.7990

137.8064, 0.3074,
0.3432

 0.0000, 0.0000,
0.0000

172.3779, 0.3078,

0.3422

212.2959, 0.3081,
0.3413

■ 21.1255, 0.3025,
0.3560

■ 21.1255, 0.3025,
0.3560

■ 20.1506, 0.2966,
0.3747

■ 22.2461, 0.3086,
0.3392

■ 19.3128, 0.2911,
0.3952

■ 23.5155, 0.3148,
0.3242

■ 18.6066, 0.2864,
0.4173

■ 24.9400, 0.3208,
0.3110

■ 18.0248, 0.2826,
0.4406

■ 26.5244, 0.3267,
0.2993

■ 17.5599, 0.2802,
0.4645

■ 28.2739, 0.3324,
0.2891

■ 17.2033, 0.2792,
0.4882

■ 30.1929, 0.3377,
0.2802

■ 16.9453, 0.2800,
0.5110

■ 32.2859, 0.3428,
0.2724

■ 16.7684, 0.2822,
0.5318

■ 34.5572, 0.3476,
0.2655

■ 16.7162, 0.2829,
0.5384

■ 37.0111, 0.3521,
0.2596

Harmonies

Analogous

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



21.1255, 0.3244, 0.3665



21.1255, 0.3025, 0.3560



21.1255, 0.2838, 0.3375

Triad

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



21.1255, 0.3025, 0.3560



21.1255, 0.2820, 0.2931



21.1255, 0.3542, 0.3384

Complementary

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



21.1255, 0.3025, 0.3560



17.5138, 0.3246, 0.3034

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.



21.1255, 0.3421, 0.3199



21.1255, 0.3025, 0.3560



21.1255, 0.3000, 0.2944

Square

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



21.1255, 0.3025, 0.3560



21.1255, 0.2723, 0.3012



21.1255, 0.3220, 0.3041



21.1255, 0.3547, 0.3553

Rectangle

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



21.1255, 0.3025, 0.3560



21.1255, 0.2755, 0.3238



21.1255, 0.3220, 0.3041



21.1255, 0.3514, 0.3322

Sweetspot

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



21.1264, 0.3025, 0.3560



39.5142, 0.3096, 0.3367



21.9373, 0.3274, 0.3698



9.1698, 0.3092, 0.3377



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



21.1264, 0.3025, 0.3560



36.5328, 0.3002, 0.3628



21.3959, 0.2918, 0.3352



5.2306, 0.3071, 0.3432



16.1852, 0.2828, 0.5382



0.0574, 0.2598, 0.4553

Inverse Universe

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



17.5138, 0.3246, 0.3034



28.9259, 0.3277, 0.2974



17.2570, 0.3385, 0.3229



4.7349, 0.3188, 0.3153



5.3725, 0.4348, 0.2169



0.0200, 0.3738, 0.1833

Previews

White Background



This preview shows how the Yxy color 21.1255, 0.3025, 0.3560 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1255, 0.3025, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

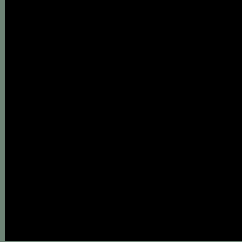
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

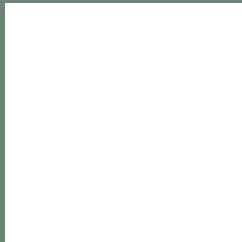
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.1255, 0.3025, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 21.1255, 0.3025, 0.3560.



This preview shows how white text looks on a background with the Yxy color 21.1255, 0.3025, 0.3560.

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

21.1255, 0.3025, 0.3560

Protanopia

20.9848, 0.3313, 0.3490

Deuteranopia

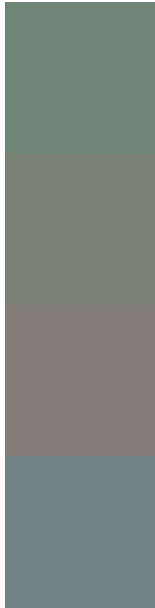
20.9379, 0.3389, 0.3326



Tritanopia

21.1420, 0.2857, 0.3106

Trichromacy



Original Color

21.1255, 0.3025, 0.3560

Protanomaly

20.9103, 0.3200, 0.3514

Deuteranomaly

20.9994, 0.3254, 0.3417

Tritanomaly

21.1147, 0.2926, 0.3271

Monochromacy



Original Color

21.1255, 0.3025, 0.3560

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.5058, 0.3087, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1255, 0.3025, 0.3560 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, 132, 118)` looks like.

```
.text, #text, p{  
    color:rgb(110, 132, 118)  
}
```

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, 132, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 132, 118) }
```

Border

The CSS property to change the border of an element to Yxy 21.1255, 0.3025, 0.3560 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, 132, 118) }
```

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

```
.border{ border-color:rgb(110, 132, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 132, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 132, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 132, 118);  
box-shadow:4px 4px 4px 4px rgb(110, 132,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1255, 0.3025, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 132, 118) }
```

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

```
.background{ background-color: rgb(110,  
132, 118) }
```

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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