

Converting Colors

$Y_{xy}(29.2090, 0.3239, 0.3802)$

Have a look what the booklet for
Yxy(29.2090, 0.3239, 0.3802)
contains.

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Color

$\text{Yxy}(29.0125, 0.3235, 0.3795)$

Conversions

Conversions Part 1

Format	Color
Hex	87987A
RGB	135, 152, 122
RGB Percent	53%, 60%, 48%
CMY	0.4706, 0.4039, 0.5216
CMYK	0.11, 0.00, 0.20, 0.40
HSL	94°, 13%, 54%
HSV	94°, 20%, 60%
XYZ	24.7313, 29.0125, 22.7054
YIQ	143.4970, -0.5020, -12.9340

Conversions

Conversions Part 2

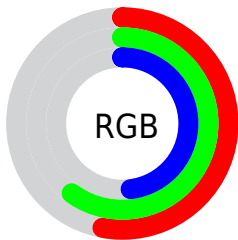
Format	Color
R_{YB}	122, 152, 139
Decimal	8886394
CIE Lab	60.79, -11.80, 13.80
CIE LCh	61, 18.155, 130.520
Yxy	29.0125, 0.3235, 0.3795
Android (android.graphics.Color)	4287076474 (0xFF87987A)
YUV	143.4970, -10.5980, -7.4519
Hunter-Lab	53.8633, -12.3023, 12.7113

Details

The Yxy color $29.0125, 0.3235, 0.3795$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.6733, 0.2999, 0.2792$, and the grayscale version is $27.7206, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.8900, 0.3215, 0.3690$, and $11.7197, 0.3268, 0.3989$ is the 20% darker color. If you saturate the color by 10%, you get $27.9800, 0.3286, 0.4080$, and if you desaturate by 10%, it is $30.1643, 0.3181, 0.3529$.

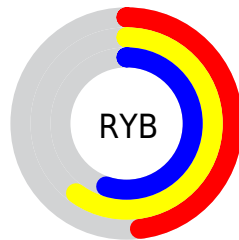
Distribution



Red (53%)

Green (60%)

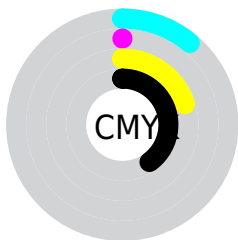
Blue (48%)



Red (48%)

Yellow (60%)

Blue (55%)

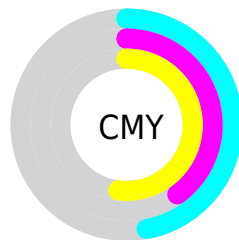


Cyan (11%)

Magenta (0%)

Yellow (20%)

Black (40%)



Cyan (47%)


Magenta (40%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0125, 0.3235, 0.3795 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 29.0125, 0.3235, 0.3795 by changing the saturation by 10% instead.


 29.0125, 0.3235,
0.3795


 29.0125, 0.3235,
0.3795


297.2739, 0.3180,
0.3516

 19.0903, 0.3249,
0.3875


 58.0969, 0.3215,
0.3687

 11.7355, 0.3265,
0.3984


 78.0280, 0.3208,
0.3648

 6.5639, 0.3287,
0.4143


 102.0640, 0.3201,
0.3616

 3.1909, 0.3313,
0.4395

130.5895, 0.3196,
0.3590

 1.2322, 0.3509,
0.5100

163.9889, 0.3191,
0.3567

 0.0878, 0.0000,
1.0000

202.6465, 0.3187,

 0.0000, 0.0000,

0.3548

0.0000

246.9467, 0.3183,
0.3531

■ 29.0125, 0.3235,
0.3795

■ 29.0125, 0.3235,
0.3795

■ 27.9800, 0.3286,
0.4080

■ 30.1643, 0.3181,
0.3529

■ 27.0589, 0.3330,
0.4378

■ 31.4355, 0.3126,
0.3284

■ 26.2462, 0.3364,
0.4679

■ 32.8311, 0.3071,
0.3062

■ 25.5371, 0.3385,
0.4970

■ 34.3544, 0.3018,
0.2863

■ 24.9265, 0.3388,
0.5237

■ 36.0090, 0.2968,
0.2686

■ 24.4089, 0.3373,
0.5464

■ 37.7981, 0.2921,
0.2527

■ 23.9778, 0.3338,
0.5638

■ 39.7246, 0.2876,
0.2387

■ 23.6199, 0.3291,
0.5766

■ 41.7918, 0.2835,
0.2262

■ 23.6115, 0.3290,
0.5769

■ 43.7554, 0.2823,
0.2183

Harmonies

Analogous

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



29.0125, 0.3510, 0.3806



29.0125, 0.3235, 0.3795



29.0125, 0.2940, 0.3628

Triad

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



29.0125, 0.3235, 0.3795



29.0125, 0.2594, 0.2884



29.0125, 0.3564, 0.3203

Complementary

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



29.0125, 0.3235, 0.3795



21.6733, 0.2999, 0.2792

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.



29.0125, 0.3300, 0.2984



29.0125, 0.3235, 0.3795



29.0125, 0.2743, 0.2801

Square

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



29.0125, 0.3235, 0.3795



29.0125, 0.2579, 0.3084



29.0125, 0.2998, 0.2839



29.0125, 0.3708, 0.3451

Rectangle

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



29.0125, 0.3235, 0.3795



29.0125, 0.2772, 0.3454



29.0125, 0.2998, 0.2839



29.0125, 0.3486, 0.3125

Sweetspot

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



29.0138, 0.3235, 0.3795



54.0276, 0.3161, 0.3437



26.5460, 0.3453, 0.3567



12.2504, 0.3164, 0.3452



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



29.0138, 0.3235, 0.3795



50.3210, 0.3259, 0.3928



28.0504, 0.3084, 0.3780



7.0499, 0.3178, 0.3515



19.8136, 0.3295, 0.5766



0.3171, 0.3636, 0.5495

Inverse Universe

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



21.6733, 0.2999, 0.2792



34.7907, 0.2962, 0.2664



22.7950, 0.3172, 0.2845



6.1903, 0.3072, 0.3066



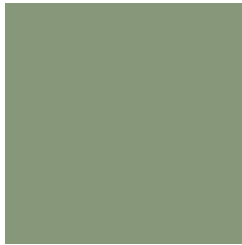
3.5844, 0.2180, 0.0975



0.0751, 0.2627, 0.1221

Previews

White Background



This preview shows how the Yxy color 29.0125, 0.3235, 0.3795 looks on a white background.

Color Contrast Check

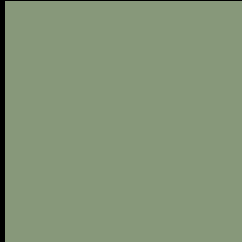
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0125, 0.3235, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

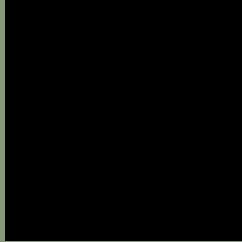
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0125, 0.3235, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 29.0125, 0.3235, 0.3795.



This preview shows how white text looks on a background with the Yxy color 29.0125, 0.3235, 0.3795.

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

29.0125, 0.3235, 0.3795

Protanopia

28.8582, 0.3497, 0.3720

Deuteranopia

28.8298, 0.3608, 0.3549



Tritanopia

29.0334, 0.2955, 0.3100

Trichromacy



Original Color

29.0125, 0.3235, 0.3795

Protanomaly

28.8318, 0.3403, 0.3745

Deuteranomaly

28.7488, 0.3470, 0.3639

Tritanomaly

29.0592, 0.3054, 0.3338

Monochromacy



Original Color

29.0125, 0.3235, 0.3795

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.8825, 0.3171, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0125, 0.3235, 0.3795 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(135, 152, 122)` looks like.

```
.text, #text, p{  
    color:rgb(135, 152, 122)  
}
```

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(135, 152, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 152, 122) }
```

Border

The CSS property to change the border of an element to Yxy 29.0125, 0.3235, 0.3795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

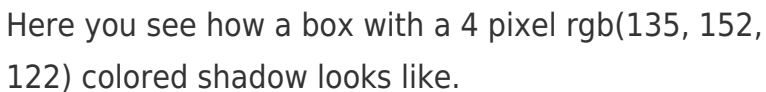
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 152, 122) }
```

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

```
.border{ border-color:rgb(135, 152, 122) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 152, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 152, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 152, 122); box-shadow:4px 4px 4px 4px rgb(135, 152, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0125, 0.3235, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 152, 122) }
```

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

```
.background{ background-color: rgb(135,  
152, 122) }
```

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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