

Converting Colors

$Y_{xy}(27.8835, 0.3221, 0.4105)$

Have a look what the booklet for
Yxy(27.8835, 0.3221, 0.4105)
contains.

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Color

$Y_{xy}(27.9090, 0.3226, 0.4105)$

Conversions

Conversions Part 1

Format	Color
Hex	79996B
RGB	121, 153, 107
RGB Percent	47%, 60%, 42%
CMY	0.5254, 0.4000, 0.5803
CMYK	0.21, 0.00, 0.30, 0.40
HSL	102°, 18%, 51%
HSV	102°, 30%, 60%
XYZ	21.9329, 27.9090, 18.1459
YIQ	138.1880, -4.3060, -21.0900

Conversions

Conversions Part 2

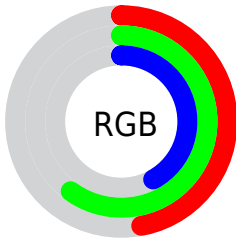
Format	Color
R_{YB}	107, 153, 139
Decimal	7969131
CIE _{Lab}	59.81, -20.07, 20.64
CIE _{LCh}	60, 28.788, 134.198
Yxy	27.9090, 0.3226, 0.4105
Android (android.graphics.Color)	4286159211 (0xFF79996B)
YUV	138.1880, -15.3757, -15.0739
Hunter-Lab	52.8290, -18.3433, 16.6151

Details

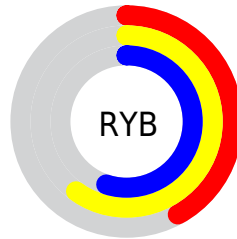
The Yxy color $27.9090, 0.3226, 0.4105$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.3083, 0.2987, 0.2525$, and the grayscale version is $25.5546, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1275, 0.3210, 0.3915$, and $11.1581, 0.3235, 0.4435$ is the 20% darker color. If you saturate the color by 10%, you get $26.8890, 0.3250, 0.4416$, and if you desaturate by 10%, it is $29.0732, 0.3196, 0.3810$.

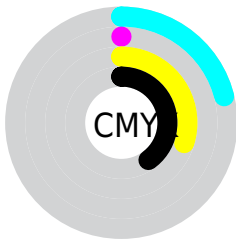
Distribution



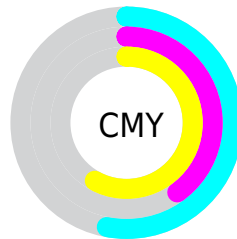
- Red (47%)
- Green (60%)
- Blue (42%)



- Red (42%)
- Yellow (60%)
- Blue (55%)



- Cyan (21%)
- Magenta (0%)
- Yellow (30%)
- Black (40%)





- Cyan (53%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9090, 0.3226, 0.4105 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 27.9090, 0.3226, 0.4105 by changing the saturation by 10% instead.

 27.9090, 0.3226,
0.4105


 27.9090, 0.3226,
0.4105


292.0318, 0.3182,
0.3647


 18.2571, 0.3233,
0.4239


 56.3391, 0.3212,
0.3925


 11.1347, 0.3239,
0.4426


 75.8861, 0.3206,
0.3861

 6.1575, 0.3238,
0.4699

 99.5002, 0.3201,
0.3809

 2.9411, 0.3214,
0.5136

 127.5659, 0.3196,
0.3766

 1.1011, 0.3298,
0.6702

160.4675, 0.3192,
0.3729

 0.0000, 0.0000,
0.0000

198.5894, 0.3189,

0.3698

242.3161, 0.3185,
0.3670

■ 27.9090, 0.3226,
0.4105

■ 27.9090, 0.3226,
0.4105

■ 26.8890, 0.3250,
0.4416

■ 29.0732, 0.3196,
0.3810

■ 26.0039, 0.3265,
0.4734

■ 30.3835, 0.3163,
0.3538

■ 25.2487, 0.3269,
0.5044


■ 31.8460, 0.3127,
0.3291


■ 24.6167, 0.3260,
0.5328

■ 33.4658, 0.3092,
0.3070


■ 24.1005, 0.3235,
0.5568


■ 35.2473, 0.3057,
0.2874

 23.6919, 0.3197,
0.5750

 37.1950, 0.3024,
0.2700

 23.3764, 0.3154,
0.5878

 39.3133, 0.2992,
0.2547

 41.6061, 0.2962,
0.2412

 44.0775, 0.2934,
0.2294

Harmonies

Analogous

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



27.9090, 0.3679, 0.4132



27.9090, 0.3226, 0.4105



27.9090, 0.2767, 0.3798

Triad

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



27.9090, 0.3226, 0.4105



27.9090, 0.2312, 0.2617



27.9090, 0.3874, 0.3188

Complementary

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



27.9090, 0.3226, 0.4105



18.3083, 0.2987, 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.



27.9090, 0.3457, 0.2849



27.9090, 0.3226, 0.4105



27.9090, 0.2560, 0.2526

Square

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



27.9090, 0.3226, 0.4105



27.9090, 0.2263, 0.2896



27.9090, 0.2970, 0.2613



27.9090, 0.4076, 0.3568

Rectangle

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



27.9090, 0.3226, 0.4105



27.9090, 0.2519, 0.3492



27.9090, 0.2970, 0.2613



27.9090, 0.3753, 0.3067

Sweetspot

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



27.9102, 0.3226, 0.4105



54.6324, 0.3159, 0.3515



26.1372, 0.3629, 0.3803



11.9894, 0.3164, 0.3550



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.



27.9102, 0.3226, 0.4105



48.7395, 0.3243, 0.4311



27.1572, 0.3015, 0.3979



7.0122, 0.3160, 0.3517



19.3364, 0.3159, 0.5874



0.3065, 0.3474, 0.5624

Inverse Universe

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



18.3083, 0.2987, 0.2525



28.7330, 0.2947, 0.2347



19.3227, 0.3265, 0.2687



6.2292, 0.3091, 0.3067



4.4725, 0.2468, 0.1133



0.0856, 0.2814, 0.1324

Previews

White Background



This preview shows how the Yxy color 27.9090, 0.3226, 0.4105 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 27.9090, 0.3226, 0.4105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

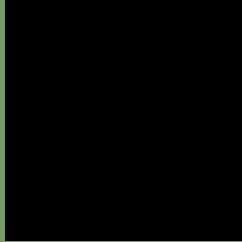
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9090, 0.3226, 0.4105

Background



This preview shows how black text looks on a background with the Yxy color 27.9090, 0.3226, 0.4105.



This preview shows how white text looks on a background with the Yxy color 27.9090, 0.3226, 0.4105.

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

27.9090, 0.3226, 0.4105

Protanopia

27.8944, 0.3670, 0.3946

Deuteranopia

27.7378, 0.3788, 0.3717



Tritanopia

27.6935, 0.2848, 0.3093

Trichromacy



Original Color

27.9090, 0.3226, 0.4105

Protanomaly

27.7066, 0.3509, 0.4008

Deuteranomaly

27.4244, 0.3577, 0.3842

Tritanomaly

27.7946, 0.2989, 0.3460

Monochromacy



Original Color

27.9090, 0.3226, 0.4105

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.0828, 0.3168, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9090, 0.3226, 0.4105 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(121, 153, 107)` looks like.

```
.text, #text, p{  
    color:rgb(121, 153, 107)  
}
```

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(121, 153, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 153, 107) }
```

Border

The CSS property to change the border of an element to Yxy 27.9090, 0.3226, 0.4105 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(121, 153, 107) }
```

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

```
.border{ border-color:rgb(121, 153, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 153, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 153, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 153, 107);  
box-shadow:4px 4px 4px 4px rgb(121, 153,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9090, 0.3226, 0.4105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 153, 107) }
```

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

```
.background{ background-color: rgb(121,  
153, 107) }
```

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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