

Converting Colors

$Y_{xy}(27.0253, 0.3195, 0.3986)$

Have a look what the booklet for
Yxy(27.0253, 0.3195, 0.3986)
contains.

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Color

Yxy(27.0253, 0.3195, 0.3986)

Conversions

Conversions Part 1

Format	Color
Hex	79966F
RGB	121, 150, 111
RGB Percent	47%, 59%, 44%
CMY	0.5254, 0.4118, 0.5647
CMYK	0.19, 0.00, 0.26, 0.41
HSL	105°, 16%, 51%
HSV	105°, 26%, 59%
XYZ	21.6623, 27.0253, 19.1130
YIQ	136.8830, -4.7650, -18.2770

Conversions

Conversions Part 2

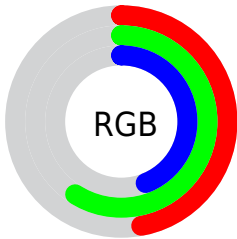
Format	Color
R_{YB}	111, 150, 140
Decimal	7968367
CIE _{Lab}	59.00, -17.85, 17.32
CIE _{LCh}	59, 24.874, 135.858
Yxy	27.0253, 0.3195, 0.3986
Android (android.graphics.Color)	4286158447 (0xFF79966F)
YUV	136.8830, -12.7603, -13.9294
Hunter-Lab	51.9859, -16.5951, 14.5917

Details

The Yxy color $27.0253, 0.3195, 0.3986$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.1447, 0.3033, 0.2639$, and the grayscale version is $25.0217, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.8287, 0.3186, 0.3826$, and $10.6603, 0.3209, 0.4259$ is the 20% darker color. If you saturate the color by 10%, you get $25.9638, 0.3215, 0.4295$, and if you desaturate by 10%, it is $28.2377, 0.3171, 0.3698$.

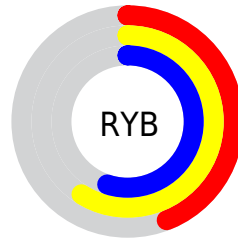
Distribution



Red (47%)

Green (59%)

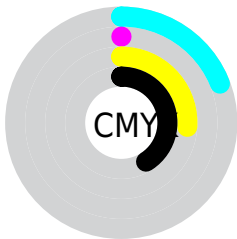
Blue (44%)



Red (44%)

Yellow (59%)

Blue (55%)

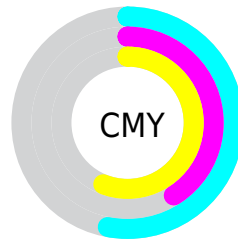


Cyan (19%)

Magenta (0%)

Yellow (26%)

Black (41%)



Cyan (53%)


Magenta (41%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0253, 0.3195, 0.3986 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 27.0253, 0.3195, 0.3986 by changing the saturation by 10% instead.

 27.0253, 0.3195,
0.3986


 27.0253, 0.3195,
0.3986


287.7796, 0.3165,
0.3594


 17.5922, 0.3200,
0.4102


 54.9245, 0.3186,
0.3831


 10.6576, 0.3203,
0.4263


 74.1593, 0.3182,
0.3777

 5.8371, 0.3202,
0.4501

 97.4303, 0.3178,
0.3733

 2.7463, 0.3184,
0.4888

 125.1217, 0.3175,
0.3696

 1.0008, 0.3380,
0.6620

157.6179, 0.3172,
0.3664

 0.0000, 0.0000,
0.0000

195.3034, 0.3169,

0.3638

238.5625, 0.3167,
0.3614

■ 27.0253, 0.3195,
0.3986

■ 27.0253, 0.3195,
0.3986

■ 25.9638, 0.3215,
0.4295

■ 28.2377, 0.3171,
0.3698

■ 25.0437, 0.3227,
0.4617

■ 29.6031, 0.3144,
0.3435

■ 24.2600, 0.3231,
0.4938

■ 31.1280, 0.3116,
0.3199

■ 23.6057, 0.3223,
0.5240

■ 32.8173, 0.3088,
0.2989

■ 23.0734, 0.3203,
0.5505

■ 34.6759, 0.3060,
0.2804

■ 22.6547, 0.3171,
0.5714

■ 36.7083, 0.3033,
0.2641

■ 22.3391, 0.3130,
0.5859

■ 38.9191, 0.3008,
0.2498

■ 22.2348, 0.3116,
0.5908

■ 41.3123, 0.2985,
0.2373

■ 43.8923, 0.2962,
0.2263

Harmonies

Analogous

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



27.0253, 0.3594, 0.4030



27.0253, 0.3195, 0.3986



27.0253, 0.2794, 0.3710

Triad

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



27.0253, 0.3195, 0.3986



27.0253, 0.2416, 0.2691



27.0253, 0.3794, 0.3222

Complementary

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



27.0253, 0.3195, 0.3986



19.1447, 0.3033, 0.2639

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.



27.0253, 0.3440, 0.2916



27.0253, 0.3195, 0.3986



27.0253, 0.2646, 0.2615

Square

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



27.0253, 0.3195, 0.3986



27.0253, 0.2362, 0.2932



27.0253, 0.3015, 0.2699



27.0253, 0.3957, 0.3560

Rectangle

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



27.0253, 0.3195, 0.3986



27.0253, 0.2579, 0.3445



27.0253, 0.3015, 0.2699



27.0253, 0.3692, 0.3114

Sweetspot

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



27.0265, 0.3195, 0.3986



51.6998, 0.3150, 0.3489



26.2711, 0.3546, 0.3762



11.3811, 0.3154, 0.3525



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.0265, 0.3195, 0.3986



46.6120, 0.3207, 0.4157



26.5506, 0.3013, 0.3835



6.5362, 0.3153, 0.3516



18.4548, 0.3120, 0.5905



0.2383, 0.3415, 0.5671

Inverse Universe

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



19.1447, 0.3033, 0.2639



30.3682, 0.3007, 0.2492



19.7728, 0.3267, 0.2801



5.8350, 0.3099, 0.3069



4.6705, 0.2582, 0.1196



0.0713, 0.2895, 0.1369

Previews

White Background



This preview shows how the Yxy color 27.0253, 0.3195, 0.3986 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 27.0253, 0.3195, 0.3986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

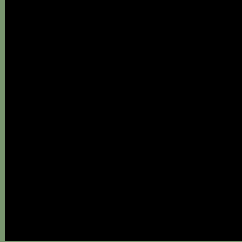
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0253, 0.3195, 0.3986

Background



This preview shows how black text looks on a background with the Yxy color 27.0253, 0.3195, 0.3986.



This preview shows how white text looks on a background with the Yxy color 27.0253, 0.3195, 0.3986.

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

27.0253, 0.3195, 0.3986

Protanopia

26.7867, 0.3607, 0.3845

Deuteranopia

26.8226, 0.3705, 0.3633



Tritanopia

26.9360, 0.2854, 0.3091

Trichromacy



Original Color

27.0253, 0.3195, 0.3986

Protanomaly

26.6919, 0.3457, 0.3900

Deuteranomaly

26.6316, 0.3508, 0.3752

Tritanomaly

26.8112, 0.2970, 0.3393

Monochromacy



Original Color

27.0253, 0.3195, 0.3986

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.7298, 0.3148, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0253, 0.3195, 0.3986 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, 150, 111)` looks like.

```
.text, #text, p{  
    color:rgb(121, 150, 111)  
}
```

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, 150, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 150, 111) }
```

Border

The CSS property to change the border of an element to Yxy 27.0253, 0.3195, 0.3986 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, 150, 111) }
```

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

```
.border{ border-color:rgb(121, 150, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 150, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 150, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 150, 111);  
box-shadow:4px 4px 4px 4px rgb(121, 150,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0253, 0.3195, 0.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 150, 111) }
```

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

```
.background{ background-color: rgb(121,  
150, 111) }
```

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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