

Converting Colors

$Y_{xy}(27.2596, 0.3378, 0.4393)$

Have a look what the booklet for
Yxy(27.2596, 0.3378, 0.4393)
contains.

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Color

Yxy(27.2596, 0.3378, 0.4393)

Conversions

Conversions Part 1

Format	Color
Hex	79985A
RGB	121, 152, 90
RGB Percent	47%, 60%, 35%
CMY	0.5254, 0.4039, 0.6470
CMYK	0.20, 0.00, 0.41, 0.40
HSL	90°, 26%, 47%
HSV	90°, 41%, 60%
XYZ	20.9613, 27.2596, 13.8315
YIQ	135.6630, 1.4260, -25.8540

Conversions

Conversions Part 2

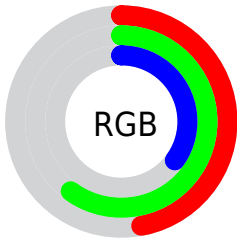
Format	Color
R_{YB}	90, 152, 121
Decimal	7968858
CIE _{Lab}	59.21, -22.11, 29.14
CIE _{LCh}	59, 36.580, 127.192
Yxy	27.2596, 0.3378, 0.4393
Android (android.graphics.Color)	4286158938 (0xFF79985A)
YUV	135.6630, -22.5119, -12.8595
Hunter-Lab	52.2107, -19.7055, 20.8406

Details

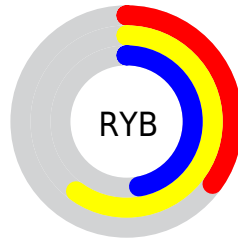
The Yxy color $27.2596, 0.3378, 0.4393$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $13.6449, 0.2763, 0.2191$, and the grayscale version is $24.5754, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.0644, 0.3336, 0.4144$, and $10.8214, 0.3420, 0.4814$ is the 20% darker color. If you saturate the color by 10%, you get $26.5004, 0.3421, 0.4684$, and if you desaturate by 10%, it is $28.1174, 0.3324, 0.4102$.

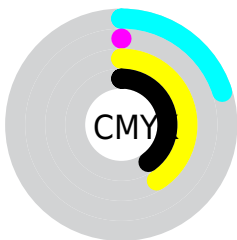
Distribution



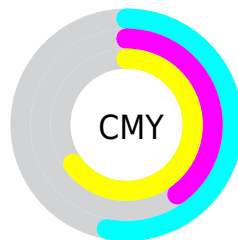
- Red (47%)
- Green (60%)
- Blue (35%)



- Red (35%)
- Yellow (60%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (41%)
- Black (40%)




- Cyan (53%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2596, 0.3378, 0.4393 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 27.2596, 0.3378, 0.4393 by changing the saturation by 10% instead.


 27.2596, 0.3378,
0.4393


 27.2596, 0.3378,
0.4393


288.9119, 0.3260,
0.3770


 17.7683, 0.3400,
0.4574


 55.3002, 0.3339,
0.4148


 10.7838, 0.3422,
0.4824


 74.6182, 0.3323,
0.4062

 5.9216, 0.3432,
0.5182

 97.9806, 0.3309,
0.3991

 2.7975, 0.3502,
0.5909

 125.7718, 0.3297,
0.3932

 1.0269, 0.2950,
0.7050

158.3761, 0.3286,
0.3882

 0.0000, 0.0000,
0.0000

196.1779, 0.3276,

0.3840

239.5617, 0.3268,
0.3803

■ 27.2596, 0.3378,
0.4393

■ 27.2596, 0.3378,
0.4393

■ 26.5004, 0.3421,
0.4684

■ 28.1174, 0.3324,
0.4102

■ 25.8318, 0.3450,
0.4963

■ 29.0741, 0.3263,
0.3820

■ 25.2506, 0.3460,
0.5215

■ 30.1345, 0.3198,
0.3554

■ 24.7515, 0.3449,
0.5427

■ 31.3022, 0.3132,
0.3308

■ 24.3286, 0.3418,
0.5588

■ 32.5804, 0.3068,
0.3084

■ 23.9941, 0.3377,
0.5701

■ 33.9723, 0.3005,
0.2881

■ 35.4808, 0.2946,
0.2698

■ 37.1089, 0.2890,
0.2535

■ 38.8593, 0.2838,
0.2390

Harmonies

Analogous

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



27.2596, 0.3930, 0.4315



27.2596, 0.3378, 0.4393



27.2596, 0.2787, 0.4077

Triad

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



27.2596, 0.3378, 0.4393



27.2596, 0.2073, 0.2494



27.2596, 0.3979, 0.3045

Complementary

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



27.2596, 0.3378, 0.4393



13.6449, 0.2763, 0.2191

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.



27.2596, 0.3397, 0.2656



27.2596, 0.3378, 0.4393



27.2596, 0.2319, 0.2340

Square

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



27.2596, 0.3378, 0.4393



27.2596, 0.2069, 0.2888



27.2596, 0.2786, 0.2405



27.2596, 0.4315, 0.3506

Rectangle

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



27.2596, 0.3378, 0.4393



27.2596, 0.2452, 0.3692



27.2596, 0.2786, 0.2405



27.2596, 0.3802, 0.2904

Sweetspot

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



27.2608, 0.3378, 0.4393



52.9084, 0.3207, 0.3592



20.8395, 0.3917, 0.3795



11.9742, 0.3215, 0.3622



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.



27.2608, 0.3378, 0.4393



46.8819, 0.3418, 0.4660



25.4206, 0.3080, 0.4501



7.0697, 0.3188, 0.3515



20.1375, 0.3381, 0.5697



0.3227, 0.3714, 0.5433

Inverse Universe

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



13.6449, 0.2763, 0.2191



19.4587, 0.2654, 0.1925



16.1569, 0.3159, 0.2312



6.1703, 0.3062, 0.3065



3.2061, 0.2044, 0.0900



0.0695, 0.2521, 0.1162

Previews

White Background



This preview shows how the Yxy color 27.2596, 0.3378, 0.4393 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 27.2596, 0.3378, 0.4393 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 27.2596, 0.3378, 0.4393

Background



This preview shows how black text looks on a background with the Yxy color 27.2596, 0.3378, 0.4393.



This preview shows how white text looks on a background with the Yxy color 27.2596, 0.3378, 0.4393.

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

27.2596, 0.3378, 0.4393

Protanopia

26.9865, 0.3852, 0.4180

Deuteranopia

27.0744, 0.4000, 0.3921



Tritanopia

27.1721, 0.2883, 0.3092

Trichromacy



Original Color

27.2596, 0.3378, 0.4393

Protanomaly

27.0855, 0.3678, 0.4270

Deuteranomaly

26.9086, 0.3759, 0.4081

Tritanomaly

27.0454, 0.3064, 0.3549

Monochromacy



Original Color

27.2596, 0.3378, 0.4393

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.5032, 0.3238, 0.3693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2596, 0.3378, 0.4393 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, 152, 90)` looks like.

```
.text, #text, p{  
    color:rgb(121, 152, 90)  
}
```

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, 152, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 152, 90) }
```

Border

The CSS property to change the border of an element to Yxy 27.2596, 0.3378, 0.4393 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, 152, 90) }
```

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

```
.border{ border-color:rgb(121, 152, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 152, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 152, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 152, 90);  
box-shadow:4px 4px 4px 4px rgb(121, 152,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2596, 0.3378, 0.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 152, 90) }
```

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

```
.background{ background-color: rgb(121,  
152, 90) }
```

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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