

Converting Colors

$Y_{xy}(28.3536, 0.2992, 0.3913)$

Have a look what the booklet for
Yxy(28.3536, 0.2992, 0.3913)
contains.

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Color

Yxy(28.4724, 0.2995, 0.3918)

Conversions

Conversions Part 1

Format	Color
Hex	6E9C79
RGB	110, 156, 121
RGB Percent	43%, 61%, 47%
CMY	0.5688, 0.3882, 0.5255
CMYK	0.30, 0.00, 0.22, 0.39
HSL	134°, 19%, 52%
HSV	134°, 30%, 61%
XYZ	21.7649, 28.4724, 22.4335
YIQ	138.2560, -16.1810, -20.6370

Conversions

Conversions Part 2

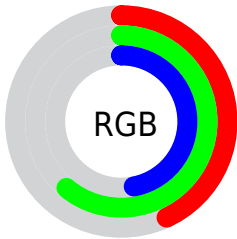
Format	Color
R_{YB}	110, 147, 156
Decimal	7249017
CIE _{Lab}	60.31, -23.04, 13.45
CIE _{LCh}	60, 26.677, 149.725
Yxy	28.4724, 0.2995, 0.3918
Android (android.graphics.Color)	4285439097 (0xFF6E9C79)
YUV	138.2560, -8.5072, -24.7805
Hunter-Lab	53.3595, -20.5706, 12.4249

Details

The Yxy color $28.4724, 0.2995, 0.3918$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $20.2544, 0.3294, 0.2735$, and the grayscale version is $25.5528, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.3922, 0.3032, 0.3788$, and $11.3292, 0.2934, 0.4164$ is the 20% darker color. If you saturate the color by 10%, you get $27.2866, 0.2955, 0.4176$, and if you desaturate by 10%, it is $29.8726, 0.3039, 0.3682$.

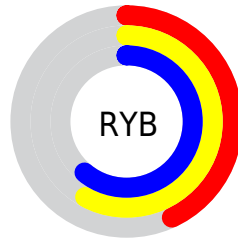
Distribution



Red (43%)

Green (61%)

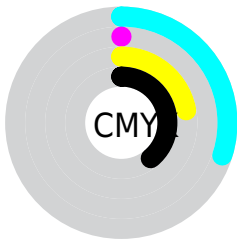
Blue (47%)



Red (43%)

Yellow (58%)

Blue (61%)

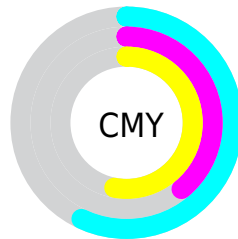


Cyan (30%)

Magenta (0%)

Yellow (22%)

Black (39%)



Cyan (57%)


Magenta (39%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4724, 0.2995, 0.3918 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 28.4724, 0.2995, 0.3918 by changing the saturation by 10% instead.


 28.4724, 0.2995,
0.3918


 28.4724, 0.2995,
0.3918


294.7174, 0.3073,
0.3566


 18.6821, 0.2971,
0.4021


 57.2378, 0.3027,
0.3779


 11.4408, 0.2935,
0.4165


 76.9816, 0.3037,
0.3731

 6.3641, 0.2880,
0.4378


 100.8120, 0.3046,
0.3691

 3.0677, 0.2785,
0.4725

 129.1135, 0.3053,
0.3657

 1.1672, 0.2623,
0.5857

162.2704, 0.3059,
0.3629

 0.0347, 0.0000,
1.0000

200.6670, 0.3065,

 0.0000, 0.0000,

0.3605

0.0000

244.6879, 0.3069,
0.3584

■ 28.4724, 0.2995,
0.3918

■ 28.4724, 0.2995,
0.3918

■ 27.2866, 0.2955,
0.4176

■ 29.8726, 0.3039,
0.3682

■ 26.3010, 0.2921,
0.4450

■ 31.4933, 0.3084,
0.3470

■ 25.5053, 0.2896,
0.4733


■ 33.3450, 0.3129,
0.3282


■ 24.8871, 0.2882,
0.5013


■ 35.4363, 0.3174,
0.3116

■ 24.4319, 0.2882,
0.5277


■ 37.7754, 0.3216,
0.2971

 24.1233, 0.2896,
0.5509


 40.3700, 0.3256,
0.2845

 23.9259, 0.2918,
0.5700

 43.2278, 0.3294,
0.2735

 23.9175, 0.2919,
0.5708

 46.3558, 0.3329,
0.2640

 49.7609, 0.3362,
0.2558

Harmonies

Analogous

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



28.4724, 0.3431, 0.4083



28.4724, 0.2995, 0.3918



28.4724, 0.2612, 0.3542

Triad

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



28.4724, 0.2995, 0.3918



28.4724, 0.2470, 0.2602



28.4724, 0.3941, 0.3381

Complementary

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



28.4724, 0.2995, 0.3918



20.2544, 0.3294, 0.2735

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.



28.4724, 0.3647, 0.3037



28.4724, 0.2995, 0.3918



28.4724, 0.2785, 0.2604

Square

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



28.4724, 0.2995, 0.3918



28.4724, 0.2326, 0.2774



28.4724, 0.3215, 0.2761



28.4724, 0.3995, 0.3727

Rectangle

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



28.4724, 0.2995, 0.3918



28.4724, 0.2434, 0.3250



28.4724, 0.3215, 0.2761



28.4724, 0.3866, 0.3262

Sweetspot

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



28.4736, 0.2995, 0.3918



57.2992, 0.3086, 0.3463



30.9502, 0.3446, 0.4035



12.5144, 0.3079, 0.3490



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.4736, 0.2995, 0.3918



50.3324, 0.2970, 0.4075



29.0988, 0.2808, 0.3502



7.4258, 0.3085, 0.3465



19.7017, 0.2916, 0.5696



0.3582, 0.2720, 0.4992

Inverse Universe

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



20.2544, 0.3294, 0.2735



33.0864, 0.3338, 0.2618



19.6218, 0.3592, 0.3090



6.7274, 0.3172, 0.3121



6.9170, 0.3909, 0.1927



0.1298, 0.3581, 0.1746

Previews

White Background



This preview shows how the Yxy color 28.4724, 0.2995, 0.3918 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 28.4724, 0.2995, 0.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

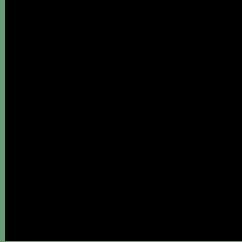
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4724, 0.2995, 0.3918

Background



This preview shows how black text looks on a background with the Yxy color 28.4724, 0.2995, 0.3918.



This preview shows how white text looks on a background with the Yxy color 28.4724, 0.2995, 0.3918.

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

28.4724, 0.2995, 0.3918

Protanopia

28.3818, 0.3520, 0.3755

Deuteranopia

28.0275, 0.3593, 0.3521



Tritanopia

28.2729, 0.2721, 0.3090

Trichromacy



Original Color

28.4724, 0.2995, 0.3918

Protanomaly

28.2062, 0.3311, 0.3812

Deuteranomaly

27.7919, 0.3358, 0.3652

Tritanomaly

28.2079, 0.2819, 0.3375

Monochromacy



Original Color

28.4724, 0.2995, 0.3918

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.5059, 0.3075, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4724, 0.2995, 0.3918 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, 156, 121)` looks like.

```
.text, #text, p{  
    color:rgb(110, 156, 121)  
}
```

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, 156, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 156, 121) }
```

Border

The CSS property to change the border of an element to Yxy 28.4724, 0.2995, 0.3918 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, 156, 121) }
```

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

```
.border{ border-color:rgb(110, 156, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 156, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 156, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 156, 121);  
box-shadow:4px 4px 4px 4px rgb(110, 156,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4724, 0.2995, 0.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 156, 121) }
```

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

```
.background{ background-color: rgb(110,  
156, 121) }
```

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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