

Converting Colors

$Yxy(29.4927, 0.3022, 0.3694)$

Have a look what the booklet for
Yxy(29.4927, 0.3022, 0.3694)
contains.

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Color

$Yxy(29.6538, 0.3022, 0.3700)$

Conversions

Conversions Part 1

Format	Color
Hex	7B9C84
RGB	123, 156, 132
RGB Percent	48%, 61%, 52%
CMY	0.5177, 0.3882, 0.4824
CMYK	0.21, 0.00, 0.15, 0.39
HSL	136°, 14%, 55%
HSV	136°, 21%, 61%
XYZ	24.2199, 29.6538, 26.2717
YIQ	143.3970, -11.9640, -14.4600

Conversions

Conversions Part 2

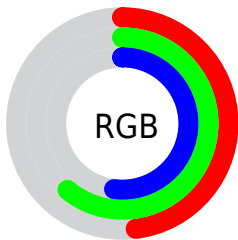
Format	Color
RYB	123, 149, 156
Decimal	8100996
CIELab	61.35, -16.43, 8.86
CIELCh	61, 18.668, 151.669
Yxy	29.6538, 0.3022, 0.3700
Android (android.graphics.Color)	4286291076 (0xFF7B9C84)
YUV	143.3970, -5.6187, -17.8882
Hunter-Lab	54.4553, -15.9058, 9.5146

Details

The Yxy color $29.6538, 0.3022, 0.3700$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $23.3395, 0.3252, 0.2912$, and the grayscale version is $27.6612, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.3214, 0.3046, 0.3617$, and $12.1835, 0.2981, 0.3848$ is the 20% darker color. If you saturate the color by 10%, you get $28.3008, 0.2975, 0.3929$, and if you desaturate by 10%, it is $31.2265, 0.3071, 0.3494$.

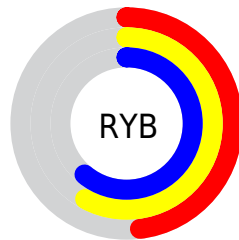
Distribution



Red (48%)

Green (61%)

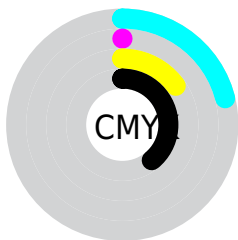
Blue (52%)



Red (48%)

Yellow (58%)

Blue (61%)

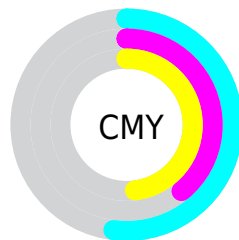


Cyan (21%)

Magenta (0%)

Yellow (15%)

Black (39%)



Cyan (52%)


Magenta (39%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6538, 0.3022, 0.3700 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 29.6538, 0.3022, 0.3700 by changing the saturation by 10% instead.

 29.6538, 0.3022,
0.3700

 29.6538, 0.3022,
0.3700

300.2874, 0.3081,
0.3474

 19.5760, 0.3004,
0.3765


 59.1143, 0.3045,
0.3612

 12.0872, 0.2980,
0.3854


 79.2657, 0.3054,
0.3581

 6.8031, 0.2943,
0.3983


 103.5437, 0.3060,
0.3555

 3.3393, 0.2883,
0.4190

132.3328, 0.3066,
0.3534

 1.3113, 0.2780,
0.4594

166.0173, 0.3071,
0.3515

 0.1499, 0.0000,
1.0000

204.9816, 0.3075,

 0.0000, 0.0000,

0.3500

0.0000

249.6102, 0.3078,
0.3486

■ 29.6538, 0.3022,
0.3700

■ 29.6538, 0.3022,
0.3700

■ 28.3008, 0.2975,
0.3929

■ 31.2265, 0.3071,
0.3494

■ 27.1539, 0.2932,
0.4178

■ 33.0242, 0.3121,
0.3310

■ 26.2040, 0.2897,
0.4442

■ 35.0568, 0.3171,
0.3148

■ 25.4396, 0.2871,
0.4715

■ 37.3324, 0.3218,
0.3006

■ 24.8479, 0.2859,
0.4985

■ 39.8588, 0.3263,
0.2882

■ 24.4148, 0.2861,
0.5241

■ 42.6433, 0.3306,
0.2774

■ 24.1235, 0.2878,
0.5467

■ 45.6931, 0.3346,
0.2680

■ 23.9499, 0.2900,
0.5638

■ 49.0150, 0.3384,
0.2599

■ 50.9877, 0.3347,
0.2509

Harmonies

Analogous

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



29.6538, 0.3326, 0.3827



29.6538, 0.3022, 0.3700



29.6538, 0.2756, 0.3446

Triad

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



29.6538, 0.3022, 0.3700



29.6538, 0.2677, 0.2803



29.6538, 0.3694, 0.3380

Complementary

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



29.6538, 0.3022, 0.3700



23.3395, 0.3252, 0.2912

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.



29.6538, 0.3503, 0.3130



29.6538, 0.3022, 0.3700



29.6538, 0.2910, 0.2807

Square

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



29.6538, 0.3022, 0.3700



29.6538, 0.2564, 0.2924



29.6538, 0.3212, 0.2925



29.6538, 0.3723, 0.3620

Rectangle

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



29.6538, 0.3022, 0.3700



29.6538, 0.2632, 0.3251



29.6538, 0.3212, 0.2925



29.6538, 0.3646, 0.3295

Sweetspot

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



29.6550, 0.3022, 0.3700



58.3053, 0.3097, 0.3398



31.4308, 0.3345, 0.3818



12.7876, 0.3094, 0.3409



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.



29.6550, 0.3022, 0.3700



52.7441, 0.3001, 0.3796



30.1372, 0.2883, 0.3418



7.4293, 0.3081, 0.3457



19.7308, 0.2896, 0.5626



0.3593, 0.2690, 0.4883

Inverse Universe

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



23.3395, 0.3252, 0.2912



39.3422, 0.3283, 0.2832



22.8630, 0.3445, 0.3167



6.7237, 0.3177, 0.3129



6.8192, 0.4024, 0.1990



0.1286, 0.3638, 0.1778

Previews

White Background



This preview shows how the Yxy color 29.6538, 0.3022, 0.3700 looks on a white background.

Color Contrast Check

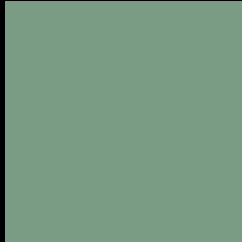
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6538, 0.3022, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

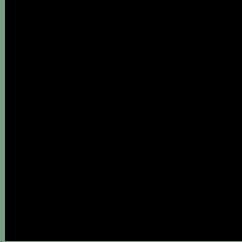
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6538, 0.3022, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 29.6538, 0.3022, 0.3700.



This preview shows how white text looks on a background with the Yxy color 29.6538, 0.3022, 0.3700.

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

29.6538, 0.3022, 0.3700

Protanopia

29.3945, 0.3401, 0.3590

Deuteranopia

29.3108, 0.3475, 0.3397



Tritanopia

29.8039, 0.2804, 0.3097

Trichromacy



Original Color

29.6538, 0.3022, 0.3700

Protanomaly

29.2373, 0.3256, 0.3634

Deuteranomaly

29.1680, 0.3297, 0.3497

Tritanomaly

29.5615, 0.2886, 0.3306

Monochromacy



Original Color

29.6538, 0.3022, 0.3700

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.2781, 0.3089, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6538, 0.3022, 0.3700 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(123, 156, 132)` looks like.

```
.text, #text, p{  
    color:rgb(123, 156, 132)  
}
```

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(123, 156, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 156, 132) }
```

Border

The CSS property to change the border of an element to Yxy 29.6538, 0.3022, 0.3700 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(123, 156, 132) }
```

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

```
.border{ border-color:rgb(123, 156, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 156, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 156, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 156, 132);  
box-shadow:4px 4px 4px 4px rgb(123, 156,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6538, 0.3022, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 156, 132) }
```

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

```
.background{ background-color: rgb(123,  
156, 132) }
```

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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