

Converting Colors

$Yxy(30.3280, 0.2920, 0.3722)$

Have a look what the booklet for
Yxy(30.3280, 0.2920, 0.3722)
contains.

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Color

Yxy(30.4683, 0.2916, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	72A087
RGB	114, 160, 135
RGB Percent	45%, 63%, 53%
CMY	0.5530, 0.3725, 0.4705
CMYK	0.29, 0.00, 0.16, 0.37
HSL	147°, 19%, 54%
HSV	147°, 29%, 63%
XYZ	23.8832, 30.4683, 27.5525
YIQ	143.3960, -19.3910, -17.5270

Conversions

Conversions Part 2

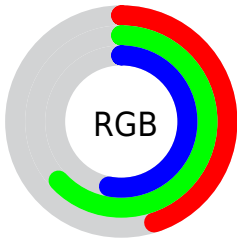
Format	Color
RYB	114, 146, 160
Decimal	7512199
CIELab	62.06, -20.93, 8.08
CIElCh	62, 22.438, 158.899
Yxy	30.4683, 0.2916, 0.3720
Android (android.graphics.Color)	4285702279 (0xFF72A087)
YUV	143.3960, -4.1392, -25.7803
Hunter-Lab	55.1981, -19.3630, 9.0437

Details

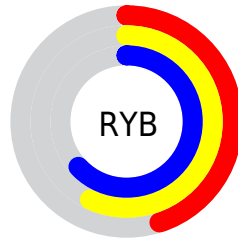
The Yxy color **30.4683, 0.2916, 0.3720** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.3685, 0.3413, 0.2897**, and the grayscale version is **27.6575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4472, 0.2963, 0.3633**, and **12.4710, 0.2839, 0.3884** is the 20% darker color. If you saturate the color by 10%, you get **29.2541, 0.2852, 0.3899**, and if you desaturate by 10%, it is **31.8926, 0.2987, 0.3556**.

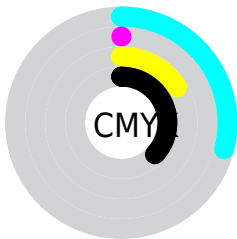
Distribution



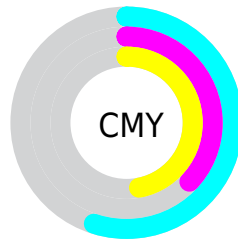
- Red (45%)
- Green (63%)
- Blue (53%)



- Red (45%)
- Yellow (57%)
- Blue (63%)



- Cyan (29%)
- Magenta (0%)
- Yellow (16%)
- Black (37%)





- Cyan (55%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4683, 0.2916, 0.3720 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 30.4683, 0.2916, 0.3720 by changing the saturation by 10% instead.

 30.4683, 0.2916,
0.3720


 30.4683, 0.2916,
0.3720


304.0812, 0.3032,
0.3483

 20.1943, 0.2883,
0.3788


 60.4020, 0.2961,
0.3628


 12.5364, 0.2838,
0.3880


 80.8305, 0.2977,
0.3596

 7.1101, 0.2772,
0.4015


 105.4126, 0.2990,
0.3569

 3.5310, 0.2668,
0.4228

 134.5327, 0.3001,
0.3546

 1.4149, 0.2475,
0.4622

168.5752, 0.3011,
0.3527

 0.2276, 0.0000,
1.0000

207.9246, 0.3019,

 0.0000, 0.0000,

0.3510

0.0000

252.9651, 0.3026,
0.3496

■ 30.4683, 0.2916,
0.3720

■ 30.4683, 0.2916,
0.3720

■ 29.2541, 0.2852,
0.3899

■ 31.8926, 0.2987,
0.3556

■ 28.2361, 0.2797,
0.4092

■ 33.5329, 0.3061,
0.3407

■ 27.4043, 0.2755,
0.4295

■ 35.3992, 0.3137,
0.3274

■ 26.7465, 0.2728,
0.4504

■ 37.5001, 0.3212,
0.3156

■ 26.2487, 0.2719,
0.4713

■ 39.8434, 0.3286,
0.3052

■ 25.8948, 0.2729,
0.4915

■ 42.4368, 0.3358,
0.2961

■ 25.6534, 0.2755,
0.5107

■ 45.2875, 0.3428,
0.2881

■ 25.6262, 0.2758,
0.5130

■ 48.4025, 0.3493,
0.2811

■ 51.2170, 0.3530,
0.2745

Harmonies

Analogous

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



30.4683, 0.3274, 0.3916



30.4683, 0.2916, 0.3720



30.4683, 0.2626, 0.3390

Triad

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



30.4683, 0.2916, 0.3720



30.4683, 0.2649, 0.2702



30.4683, 0.3831, 0.3463

Complementary

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



30.4683, 0.2916, 0.3720



21.3685, 0.3413, 0.2897

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.



30.4683, 0.3645, 0.3167



30.4683, 0.2916, 0.3720



30.4683, 0.2949, 0.2743

Square

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



30.4683, 0.2916, 0.3720



30.4683, 0.2480, 0.2806



30.4683, 0.3315, 0.2910



30.4683, 0.3813, 0.3737

Rectangle

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



30.4683, 0.2916, 0.3720



30.4683, 0.2505, 0.3157



30.4683, 0.3315, 0.2910



30.4683, 0.3790, 0.3363

Sweetspot

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



30.4696, 0.2916, 0.3720



60.7516, 0.3058, 0.3413



31.8722, 0.3336, 0.4042



13.2291, 0.3047, 0.3433



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.4696, 0.2916, 0.3720



53.7558, 0.2871, 0.3843



31.1780, 0.2738, 0.3327



7.4490, 0.3057, 0.3414



19.9699, 0.2754, 0.5113



0.3655, 0.2543, 0.4356

Inverse Universe

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



21.3685, 0.3413, 0.2897



34.2747, 0.3505, 0.2799



20.7731, 0.3710, 0.3255



6.7033, 0.3204, 0.3169



6.3649, 0.4739, 0.2384



0.1223, 0.3999, 0.1976

Previews

White Background



This preview shows how the Yxy color 30.4683, 0.2916, 0.3720 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.4683, 0.2916, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

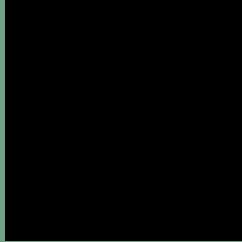
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

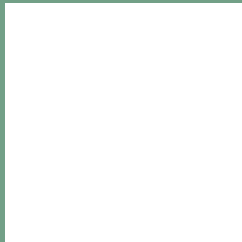
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4683, 0.2916, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 30.4683, 0.2916, 0.3720.

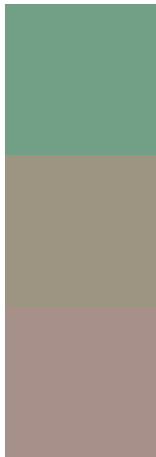


This preview shows how white text looks on a background with the Yxy color 30.4683, 0.2916, 0.3720.

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

30.4683, 0.2916, 0.3720

Protanopia

30.2480, 0.3408, 0.3603

Deuteranopia

30.1063, 0.3448, 0.3381



Tritanopia

30.3348, 0.2708, 0.3080

Trichromacy



Original Color

30.4683, 0.2916, 0.3720

Protanomaly

30.0839, 0.3211, 0.3649

Deuteranomaly

29.9147, 0.3231, 0.3497

Tritanomaly

30.3658, 0.2779, 0.3306

Monochromacy



Original Color

30.4683, 0.2916, 0.3720

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.2939, 0.3039, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4683, 0.2916, 0.3720 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(114, 160, 135)` looks like.

```
.text, #text, p{  
    color:rgb(114, 160, 135)  
}
```

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(114, 160, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 160, 135) }
```

Border

The CSS property to change the border of an element to Yxy 30.4683, 0.2916, 0.3720 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(114, 160, 135) }
```

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

```
.border{ border-color:rgb(114, 160, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 160, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 160, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 160, 135);  
box-shadow:4px 4px 4px 4px rgb(114, 160,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4683, 0.2916, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 160, 135) }
```

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

```
.background{ background-color: rgb(114,  
160, 135) }
```

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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