

Converting Colors

$Yxy(30.8074, 0.2922, 0.4224)$

Have a look what the booklet for
Yxy(30.8074, 0.2922, 0.4224)
contains.

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Color

Yxy(30.9202, 0.2928, 0.4231)

Conversions

Conversions Part 1

Format	Color
Hex	5FA672
RGB	95, 166, 114
RGB Percent	37%, 65%, 45%
CMY	0.6272, 0.3490, 0.5529
CMYK	0.43, 0.00, 0.31, 0.35
HSL	136°, 28%, 51%
HSV	136°, 43%, 65%
XYZ	21.3979, 30.9202, 20.7621
YIQ	138.8430, -25.6240, -31.2240

Conversions

Conversions Part 2

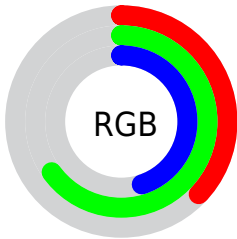
Format	Color
RYB	95, 151, 166
Decimal	6268530
CIELab	62.44, -33.94, 20.13
CIELCh	62, 39.455, 149.329
Yxy	30.9202, 0.2928, 0.4231
Android (android.graphics.Color)	4284458610 (0xFF5FA672)
YUV	138.8430, -12.2476, -38.4503
Hunter-Lab	55.6059, -28.6214, 16.7865

Details

The Yxy color **30.9202, 0.2928, 0.4231** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.4102, 0.3421, 0.2510**, and the grayscale version is **25.8167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3853, 0.2981, 0.4030**, and **12.6958, 0.2828, 0.4578** is the 20% darker color. If you saturate the color by 10%, you get **29.8657, 0.2894, 0.4501**, and if you desaturate by 10%, it is **32.2036, 0.2969, 0.3976**.

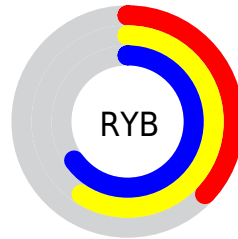
Distribution



Red (37%)

Green (65%)

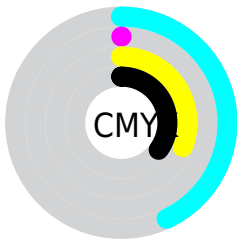
Blue (45%)



Red (37%)

Yellow (59%)

Blue (65%)

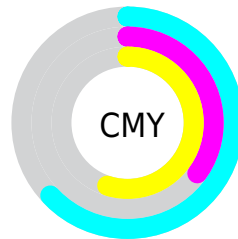


Cyan (43%)

Magenta (0%)

Yellow (31%)

Black (35%)



Cyan (63%)


Magenta (35%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9202, 0.2928, 0.4231 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 30.9202, 0.2928, 0.4231 by changing the saturation by 10% instead.


 30.9202, 0.2928,
0.4231

 30.9202, 0.2928,
0.4231


306.1705, 0.3048,
0.3702

 20.5381, 0.2889,
0.4386


 61.1144, 0.2978,
0.4023


 12.7868, 0.2833,
0.4600


 81.6953, 0.2994,
0.3950

 7.2819, 0.2744,
0.4915


 106.4446, 0.3008,
0.3890

 3.6390, 0.2590,
0.5419

 135.7466, 0.3019,
0.3840

 1.4738, 0.2348,
0.7200

169.9859, 0.3028,
0.3797

 0.2701, 0.0000,
1.0000

209.5467, 0.3036,

 0.0000, 0.0000,

0.3761

0.0000

254.8134, 0.3042,
0.3730

■ 30.9202, 0.2928,
0.4231

■ 30.9202, 0.2928,
0.4231

■ 29.8657, 0.2894,
0.4501

■ 32.2036, 0.2969,
0.3976

■ 29.0226, 0.2872,
0.4777

■ 33.7245, 0.3015,
0.3740

■ 28.3771, 0.2862,
0.5048


■ 35.4956, 0.3064,
0.3528

■ 27.9122, 0.2867,
0.5301

■ 37.5277, 0.3114,
0.3338


■ 27.6075, 0.2887,
0.5522


■ 39.8309, 0.3163,
0.3171

 27.4545, 0.2905,
0.5658

 42.4148, 0.3210,
0.3024

 45.2885, 0.3255,
0.2896

 48.4608, 0.3298,
0.2785

 51.9398, 0.3338,
0.2688

Harmonies

Analogous

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



30.9202, 0.3544, 0.4448



30.9202, 0.2928, 0.4231



30.9202, 0.2397, 0.3659

Triad

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



30.9202, 0.2928, 0.4231



30.9202, 0.2205, 0.2329



30.9202, 0.4299, 0.3382

Complementary

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



30.9202, 0.2928, 0.4231



18.4102, 0.3421, 0.2510

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.



30.9202, 0.3866, 0.2921



30.9202, 0.2928, 0.4231



30.9202, 0.2629, 0.2341

Square

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



30.9202, 0.2928, 0.4231



30.9202, 0.2016, 0.2550



30.9202, 0.3233, 0.2553



30.9202, 0.4368, 0.3864

Rectangle

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



30.9202, 0.2928, 0.4231



30.9202, 0.2157, 0.3220



30.9202, 0.3233, 0.2553



30.9202, 0.4190, 0.3222

Sweetspot

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



30.9215, 0.2928, 0.4231



64.2512, 0.3062, 0.3538



34.3078, 0.3555, 0.4395



14.2164, 0.3051, 0.3582



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



30.9215, 0.2928, 0.4231



54.3438, 0.2897, 0.4480



31.8905, 0.2670, 0.3574



8.4394, 0.3081, 0.3460



21.2983, 0.2901, 0.5643



0.5265, 0.2718, 0.4983

Inverse Universe

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



18.4102, 0.3421, 0.2510



28.6618, 0.3507, 0.2353



17.4633, 0.3947, 0.3033



7.6319, 0.3176, 0.3126



7.3777, 0.4008, 0.1981



0.1873, 0.3693, 0.1808

Previews

White Background



This preview shows how the Yxy color 30.9202, 0.2928, 0.4231 looks on a white background.

Color Contrast Check

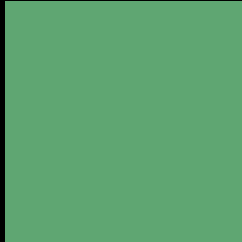
Large Text (above 18pt) WCAG AA × Fail

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 30.9202, 0.2928, 0.4231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

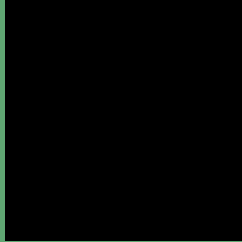
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9202, 0.2928, 0.4231

Background



This preview shows how black text looks on a background with the Yxy color 30.9202, 0.2928, 0.4231.



This preview shows how white text looks on a background with the Yxy color 30.9202, 0.2928, 0.4231.

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

30.9202, 0.2928, 0.4231

Protanopia

30.5556, 0.3681, 0.3952

Deuteranopia

30.3924, 0.3730, 0.3659



Tritanopia

30.9247, 0.2594, 0.3093

Trichromacy



Original Color

30.9202, 0.2928, 0.4231

Protanomaly

30.3060, 0.3368, 0.4054

Deuteranomaly

29.8518, 0.3399, 0.3859

Tritanomaly

30.9262, 0.2714, 0.3494

Monochromacy



Original Color

30.9202, 0.2928, 0.4231

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

27.3176, 0.3041, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9202, 0.2928, 0.4231 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(95, 166, 114)` looks like.

```
.text, #text, p{  
    color:rgb(95, 166, 114)  
}
```

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(95, 166, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 166, 114) }
```

Border

The CSS property to change the border of an element to Yxy 30.9202, 0.2928, 0.4231 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(95, 166, 114) }
```

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

```
.border{ border-color:rgb(95, 166, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 166, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 166, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 166, 114);  
box-shadow:4px 4px 4px 4px rgb(95, 166,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9202, 0.2928, 0.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 166, 114) }
```

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

```
.background{ background-color: rgb(95, 166,  
114) }
```

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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