

Converting Colors

Yxy(30.9604, 0.3335, 0.4703)

Have a look what the booklet for
Yxy(30.9604, 0.3335, 0.4703)
contains.

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Color

Yxy(30.8203, 0.3334, 0.4691)

Conversions

Conversions Part 1

Format	Color
Hex	73A453
RGB	115, 164, 83
RGB Percent	45%, 64%, 33%
CMY	0.5491, 0.3568, 0.6745
CMYK	0.30, 0.00, 0.49, 0.36
HSL	96°, 33%, 48%
HSV	96°, 49%, 64%
XYZ	21.9047, 30.8203, 12.9759
YIQ	140.1150, -3.2030, -35.5790

Conversions

Conversions Part 2

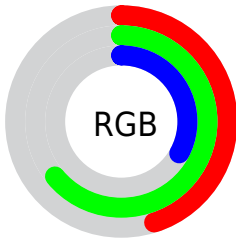
Format	Color
RYB	83, 164, 132
Decimal	7578707
CIELab	62.36, -31.19, 36.67
CIELCh	62, 48.143, 130.378
Yxy	30.8203, 0.3334, 0.4691
Android (android.graphics.Color)	4285768787 (0xFF73A453)
YUV	140.1150, -28.1577, -22.0259
Hunter-Lab	55.5160, -26.7232, 25.0032

Details

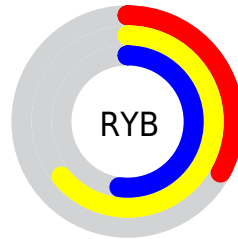
The Yxy color **30.8203, 0.3334, 0.4691** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **13.7731, 0.2765, 0.1972**, and the grayscale version is **26.3838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8193, 0.3317, 0.4385**, and **12.7606, 0.3328, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **29.9607, 0.3349, 0.4990**, and if you desaturate by 10%, it is **31.8150, 0.3305, 0.4383**.

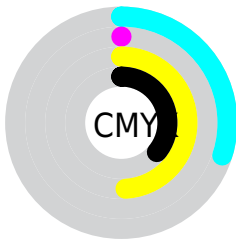
Distribution



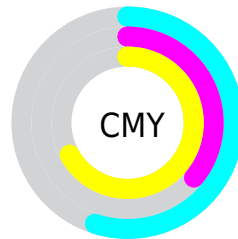
- Red (45%)
- Green (64%)
- Blue (33%)



- Red (33%)
- Yellow (64%)
- Blue (52%)



- Cyan (30%)
- Magenta (0%)
- Yellow (49%)
- Black (36%)





- Cyan (55%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8203, 0.3334, 0.4691 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 30.8203, 0.3334, 0.4691 by changing the saturation by 10% instead.

 30.8203, 0.3334,
0.4691

 30.8203, 0.3334,
0.4691


305.7096, 0.3255,
0.3908


 20.4621, 0.3338,
0.4913


 60.9570, 0.3315,
0.4386

 12.7314, 0.3331,
0.5213


 81.5043, 0.3304,
0.4278

 7.2438, 0.3291,
0.5631


 106.2167, 0.3295,
0.4188

 3.6150, 0.3288,
0.6477

 135.4787, 0.3285,
0.4114

 1.4606, 0.2694,
0.7306

 169.6745, 0.3277,
0.4050

 0.2608, 0.0000,
1.0000

209.1887, 0.3269,

 0.0000, 0.0000,

0.3996

0.0000

254.4056, 0.3262,
0.3949

■ 30.8203, 0.3334,
0.4691

■ 30.8203, 0.3334,
0.4691

■ 29.9607, 0.3349,
0.4990

■ 31.8150, 0.3305,
0.4383

■ 29.2255, 0.3349,
0.5264

■ 32.9467, 0.3267,
0.4080

■ 28.6089, 0.3329,
0.5497


■ 34.2226, 0.3222,
0.3791

■ 28.1026, 0.3293,
0.5675

■ 35.6478, 0.3174,
0.3522

■ 27.6919, 0.3244,
0.5801


■ 37.2274, 0.3124,
0.3276

 27.6693, 0.3241,
0.5808

 38.9661, 0.3075,
0.3054

 40.8685, 0.3027,
0.2856

 42.9389, 0.2982,
0.2680

 45.1815, 0.2939,
0.2523

Harmonies

Analogous

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



30.8203, 0.4037, 0.4593



30.8203, 0.3334, 0.4691



30.8203, 0.2614, 0.4238

Triad

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



30.8203, 0.3334, 0.4691



30.8203, 0.1858, 0.2265



30.8203, 0.4268, 0.3029

Complementary

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



30.8203, 0.3334, 0.4691



13.7731, 0.2765, 0.1972

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.



30.8203, 0.3542, 0.2554



30.8203, 0.3334, 0.4691



30.8203, 0.2179, 0.2124

Square

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



30.8203, 0.3334, 0.4691



30.8203, 0.1818, 0.2700



30.8203, 0.2767, 0.2234



30.8203, 0.4641, 0.3584

Rectangle

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



30.8203, 0.3334, 0.4691



30.8203, 0.2223, 0.3710



30.8203, 0.2767, 0.2234



30.8203, 0.4052, 0.2858

Sweetspot

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



30.8216, 0.3334, 0.4691



63.1443, 0.3202, 0.3677



24.9124, 0.4066, 0.4041



13.6941, 0.3212, 0.3732



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.8216, 0.3334, 0.4691



54.2755, 0.3350, 0.5011



29.1494, 0.3000, 0.4668



8.0251, 0.3173, 0.3518



21.2393, 0.3248, 0.5803



0.4732, 0.3551, 0.5563

Inverse Universe

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



13.7731, 0.2765, 0.1972



19.7402, 0.2658, 0.1692



16.4758, 0.3289, 0.2221



7.0620, 0.3077, 0.3064



4.1280, 0.2260, 0.1018



0.1130, 0.2613, 0.1213

Previews

White Background



This preview shows how the Yxy color 30.8203, 0.3334, 0.4691 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 30.8203, 0.3334, 0.4691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

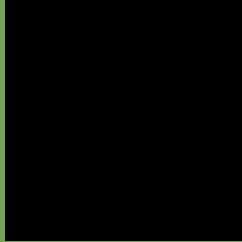
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8203, 0.3334, 0.4691

Background



This preview shows how black text looks on a background with the Yxy color 30.8203, 0.3334, 0.4691.



This preview shows how white text looks on a background with the Yxy color 30.8203, 0.3334, 0.4691.

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

30.8203, 0.3334, 0.4691

Protanopia

30.4697, 0.3996, 0.4347

Deuteranopia

30.4168, 0.4149, 0.4056



Tritanopia

30.8219, 0.2774, 0.3098

Trichromacy



Original Color

30.8203, 0.3334, 0.4691

Protanomaly

30.2249, 0.3732, 0.4476

Deuteranomaly

30.0742, 0.3829, 0.4289

Tritanomaly

30.4422, 0.2988, 0.3662

Monochromacy



Original Color

30.8203, 0.3334, 0.4691

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.6521, 0.3226, 0.3807

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8203, 0.3334, 0.4691 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(115, 164, 83)` looks like.

```
.text, #text, p{  
    color:rgb(115, 164, 83)  
}
```

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(115, 164, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 164, 83) }
```

Border

The CSS property to change the border of an element to Yxy 30.8203, 0.3334, 0.4691 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(115, 164, 83) }
```

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

```
.border{ border-color:rgb(115, 164, 83) }
```

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

Here you see how a box with a 4 pixel rgb(115, 164, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 164, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 164, 83);  
box-shadow:4px 4px 4px 4px rgb(115, 164,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8203, 0.3334, 0.4691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 164, 83) }
```

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

```
.background{ background-color: rgb(115,  
164, 83) }
```

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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