

Converting Colors

$Yxy(30.1901, 0.3303, 0.4584)$

Have a look what the booklet for
Yxy(30.1901, 0.3303, 0.4584)
contains.

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Color

Yxy(30.1901, 0.3303, 0.4584)

Conversions

Conversions Part 1

Format	Color
Hex	73A258
RGB	115, 162, 88
RGB Percent	45%, 64%, 35%
CMY	0.5490, 0.3647, 0.6548
CMYK	0.29, 0.00, 0.46, 0.36
HSL	98°, 30%, 49%
HSV	98°, 46%, 64%
XYZ	21.7535, 30.1901, 13.9162
YIQ	139.5110, -4.2580, -32.9780

Conversions

Conversions Part 2

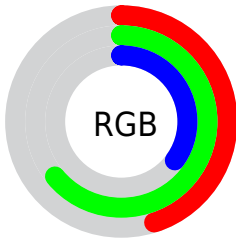
Format	Color
RYB	88, 162, 135
Decimal	7578200
CIELab	61.82, -29.58, 33.43
CIELCh	62, 44.633, 131.505
Yxy	30.1901, 0.3303, 0.4584
Android (android.graphics.Color)	4285768280 (0xFF73A258)
YUV	139.5110, -25.3949, -21.4961
Hunter-Lab	54.9455, -25.4848, 23.4454

Details

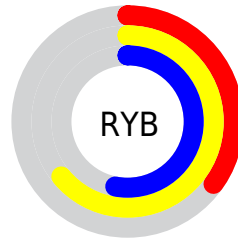
The Yxy color **30.1901, 0.3303, 0.4584** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.7420, 0.2829, 0.2085**, and the grayscale version is **26.1293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9248, 0.3290, 0.4301**, and **12.3951, 0.3303, 0.5071** is the 20% darker color. If you saturate the color by 10%, you get **29.2929, 0.3320, 0.4892**, and if you desaturate by 10%, it is **31.2274, 0.3275, 0.4273**.

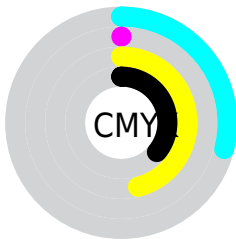
Distribution



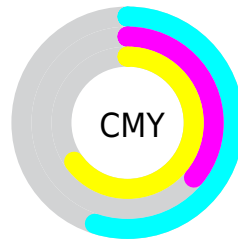
- Red (45%)
- Green (64%)
- Blue (35%)



- Red (35%)
- Yellow (64%)
- Blue (53%)



- Cyan (29%)
- Magenta (0%)
- Yellow (46%)
- Black (36%)





- Cyan (55%)
- Magenta (36%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1901, 0.3303, 0.4584 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 30.1901, 0.3303, 0.4584 by changing the saturation by 10% instead.


 30.1901, 0.3303,
0.4584


 30.1901, 0.3303,
0.4584


302.7895, 0.3235,
0.3858


 19.9829, 0.3307,
0.4792


 59.9627, 0.3286,
0.4300


 12.3826, 0.3302,
0.5075


 80.2969, 0.3277,
0.4200

 7.0048, 0.3270,
0.5476

 104.7755, 0.3269,
0.4117

 3.4651, 0.3246,
0.6227

 133.7830, 0.3261,
0.4048

 1.3791, 0.2744,
0.7256

 167.7038, 0.3253,
0.3990

 0.2013, 0.0000,
1.0000

206.9222, 0.3247,

 0.0000, 0.0000,

0.3940

0.0000

251.8227, 0.3241,
0.3896

■ 30.1901, 0.3303,
0.4584

■ 30.1901, 0.3303,
0.4584

■ 29.2929, 0.3320,
0.4892

■ 31.2274, 0.3275,
0.4273

■ 28.5254, 0.3322,
0.5182

■ 32.4071, 0.3238,
0.3972

■ 27.8817, 0.3307,
0.5436

■ 33.7360, 0.3197,
0.3688

■ 27.3538, 0.3276,
0.5639


■ 35.2195, 0.3153,
0.3427


■ 26.9318, 0.3230,
0.5781


■ 36.8626, 0.3108,
0.3191

 26.7742, 0.3210,
0.5834

 38.6702, 0.3064,
0.2979

 40.6468, 0.3021,
0.2790

 42.7970, 0.2980,
0.2622

 45.1248, 0.2942,
0.2474

Harmonies

Analogous

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



30.1901, 0.3967, 0.4524



30.1901, 0.3303, 0.4584



30.1901, 0.2628, 0.4144

Triad

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



30.1901, 0.3303, 0.4584



30.1901, 0.1936, 0.2318



30.1901, 0.4212, 0.3068

Complementary

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



30.1901, 0.3303, 0.4584



14.7420, 0.2829, 0.2085

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.



30.1901, 0.3546, 0.2612



30.1901, 0.3303, 0.4584



30.1901, 0.2251, 0.2190

Square

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



30.1901, 0.3303, 0.4584



30.1901, 0.1889, 0.2723



30.1901, 0.2817, 0.2300



30.1901, 0.4547, 0.3598

Rectangle

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



30.1901, 0.3303, 0.4584



30.1901, 0.2263, 0.3654



30.1901, 0.2817, 0.2300



30.1901, 0.4015, 0.2904

Sweetspot

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



30.1914, 0.3303, 0.4584



61.6055, 0.3191, 0.3650



25.6788, 0.3964, 0.4022



13.7174, 0.3200, 0.3706



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.



30.1914, 0.3303, 0.4584



53.1219, 0.3320, 0.4904



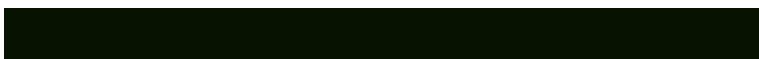
28.7961, 0.2991, 0.4498



8.0150, 0.3169, 0.3518



21.1157, 0.3216, 0.5829



0.4698, 0.3515, 0.5591

Inverse Universe

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



14.7420, 0.2829, 0.2085



21.4185, 0.2736, 0.1811



16.9349, 0.3308, 0.2327



7.0724, 0.3082, 0.3065



4.3468, 0.2326, 0.1055



0.1167, 0.2658, 0.1238

Previews

White Background



This preview shows how the Yxy color 30.1901, 0.3303, 0.4584 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 30.1901, 0.3303, 0.4584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

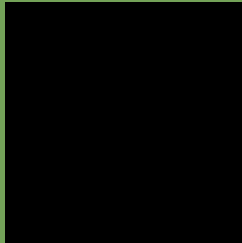
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1901, 0.3303, 0.4584

Background



This preview shows how black text looks on a background with the Yxy color 30.1901, 0.3303, 0.4584.



This preview shows how white text looks on a background with the Yxy color 30.1901, 0.3303, 0.4584.

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

30.1901, 0.3303, 0.4584

Protanopia

29.9060, 0.3926, 0.4283

Deuteranopia

29.8396, 0.4073, 0.3988



Tritanopia

30.0111, 0.2779, 0.3097

Trichromacy



Original Color

30.1901, 0.3303, 0.4584

Protanomaly

29.8781, 0.3685, 0.4396

Deuteranomaly

29.3181, 0.3773, 0.4198

Tritanomaly

29.7940, 0.2979, 0.3612

Monochromacy



Original Color

30.1901, 0.3303, 0.4584

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.3856, 0.3209, 0.3755

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1901, 0.3303, 0.4584 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, 162, 88)` looks like.

```
.text, #text, p{  
    color:rgb(115, 162, 88)  
}
```

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, 162, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 162, 88) }
```

Border

The CSS property to change the border of an element to Yxy 30.1901, 0.3303, 0.4584 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, 162, 88) }
```

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

```
.border{ border-color:rgb(115, 162, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 162, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 162, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 162, 88);  
box-shadow:4px 4px 4px 4px rgb(115, 162,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1901, 0.3303, 0.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 162, 88) }
```

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

```
.background{ background-color: rgb(115,  
162, 88) }
```

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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