

Converting Colors

$Yxy(28.3688, 0.3399, 0.4423)$

Have a look what the booklet for
Yxy(28.3688, 0.3399, 0.4423)
contains.

Yxy(28.4660, 0.3400, 0.4423)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.4660, 0.3400, 0.4423)

Conversions

Conversions Part 1

Format	Color
Hex	7C9B5A
RGB	124, 155, 90
RGB Percent	49%, 61%, 35%
CMY	0.5136, 0.3922, 0.6471
CMYK	0.20, 0.00, 0.42, 0.39
HSL	89°, 27%, 48%
HSV	89°, 42%, 61%
XYZ	21.8821, 28.4660, 14.0110
YIQ	138.3210, 2.3890, -26.7870

Conversions

Conversions Part 2

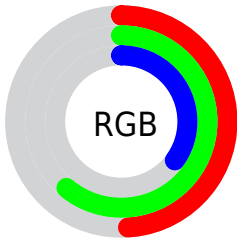
Format	Color
R_{YB}	90, 155, 121
Decimal	8166234
CIE _{Lab}	60.31, -22.47, 30.59
CIE _{LCh}	60, 37.956, 126.292
Yxy	28.4660, 0.3400, 0.4423
Android (android.graphics.Color)	4286356314 (0xFF7C9B5A)
YUV	138.3210, -23.8223, -12.5595
Hunter-Lab	53.3535, -20.1599, 21.7776

Details

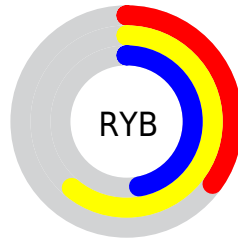
The Yxy color $28.4660, 0.3400, 0.4423$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $13.7382, 0.2730, 0.2149$, and the grayscale version is $25.6392, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.4813, 0.3360, 0.4179$, and $11.4843, 0.3442, 0.4870$ is the 20% darker color. If you saturate the color by 10%, you get $27.7005, 0.3446, 0.4710$, and if you desaturate by 10%, it is $29.3302, 0.3343, 0.4133$.

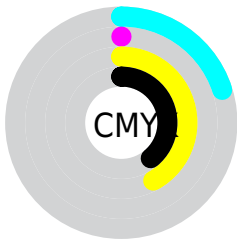
Distribution



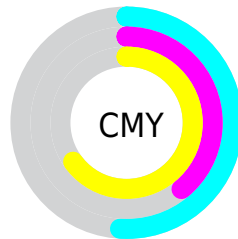
- Red (49%)
- Green (61%)
- Blue (35%)



- Red (35%)
- Yellow (61%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (42%)
- Black (39%)





- Cyan (51%)
- Magenta (39%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4660, 0.3400, 0.4423 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 28.4660, 0.3400, 0.4423 by changing the saturation by 10% instead.

 28.4660, 0.3400,
0.4423


 28.4660, 0.3400,
0.4423


294.6870, 0.3272,
0.3788

 18.6772, 0.3424,
0.4606


 57.2276, 0.3358,
0.4175


 11.4373, 0.3448,
0.4854


 76.9692, 0.3341,
0.4087

 6.3618, 0.3460,
0.5209


 100.7972, 0.3325,
0.4014

 3.0663, 0.3517,
0.5890

 129.0960, 0.3312,
0.3954

 1.1664, 0.3149,
0.6851

162.2500, 0.3300,
0.3903

 0.0340, 0.0000,
1.0000

200.6435, 0.3290,

 0.0000, 0.0000,

0.3859

0.0000

244.6611, 0.3281,
0.3821

■ 28.4660, 0.3400,
0.4423

■ 28.4660, 0.3400,
0.4423

■ 27.7005, 0.3446,
0.4710

■ 29.3302, 0.3343,
0.4133

■ 27.0256, 0.3476,
0.4983

■ 30.2935, 0.3278,
0.3852

■ 26.4378, 0.3486,
0.5227


■ 31.3607, 0.3210,
0.3584


■ 25.9319, 0.3475,
0.5430

■ 32.5355, 0.3141,
0.3336


■ 25.5015, 0.3443,
0.5581


■ 33.8212, 0.3072,
0.3108

 25.1986, 0.3408,
0.5676

 35.2210, 0.3006,
0.2902

 36.7378, 0.2943,
0.2716

 38.3748, 0.2884,
0.2550

 40.1346, 0.2829,
0.2401

Harmonies

Analogous

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



28.4660, 0.3961, 0.4329



28.4660, 0.3400, 0.4423



28.4660, 0.2796, 0.4112

Triad

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



28.4660, 0.3400, 0.4423



28.4660, 0.2048, 0.2485



28.4660, 0.3983, 0.3025

Complementary

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



28.4660, 0.3400, 0.4423



13.7382, 0.2730, 0.2149

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.



28.4660, 0.3382, 0.2633



28.4660, 0.3400, 0.4423



28.4660, 0.2292, 0.2322

Square

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



28.4660, 0.3400, 0.4423



28.4660, 0.2052, 0.2893



28.4660, 0.2761, 0.2382



28.4660, 0.4337, 0.3494

Rectangle

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



28.4660, 0.3400, 0.4423



28.4660, 0.2450, 0.3721



28.4660, 0.2761, 0.2382



28.4660, 0.3800, 0.2883

Sweetspot

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



28.4672, 0.3400, 0.4423



55.9046, 0.3219, 0.3618



21.2176, 0.3954, 0.3793



12.5612, 0.3233, 0.3673



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.



28.4672, 0.3400, 0.4423



49.7362, 0.3442, 0.4683



26.4630, 0.3087, 0.4540



7.0767, 0.3191, 0.3515



20.2634, 0.3414, 0.5672



0.3246, 0.3740, 0.5412

Inverse Universe

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



13.7382, 0.2730, 0.2149



19.8537, 0.2617, 0.1885



16.4326, 0.3145, 0.2279



6.1634, 0.3059, 0.3065



3.0871, 0.2000, 0.0875



0.0676, 0.2483, 0.1141

Previews

White Background



This preview shows how the Yxy color 28.4660, 0.3400, 0.4423 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 28.4660, 0.3400, 0.4423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

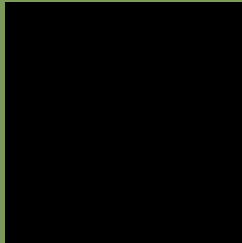
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4660, 0.3400, 0.4423

Background



This preview shows how black text looks on a background with the Yxy color 28.4660, 0.3400, 0.4423.



This preview shows how white text looks on a background with the Yxy color 28.4660, 0.3400, 0.4423.

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

28.4660, 0.3400, 0.4423

Protanopia

28.2936, 0.3879, 0.4205

Deuteranopia

28.2721, 0.4014, 0.3953



Tritanopia

28.4390, 0.2888, 0.3096

Trichromacy



Original Color

28.4660, 0.3400, 0.4423

Protanomaly

28.2940, 0.3696, 0.4299

Deuteranomaly

28.1090, 0.3777, 0.4113

Tritanomaly

28.2797, 0.3074, 0.3561

Monochromacy



Original Color

28.4660, 0.3400, 0.4423

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.3135, 0.3237, 0.3687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4660, 0.3400, 0.4423 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(124, 155, 90)` looks like.

```
.text, #text, p{  
    color:rgb(124, 155, 90)  
}
```

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(124, 155, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 155, 90) }
```

Border

The CSS property to change the border of an element to Yxy 28.4660, 0.3400, 0.4423 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(124, 155, 90) }
```

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

```
.border{ border-color:rgb(124, 155, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 155, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 155, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 155, 90);  
box-shadow:4px 4px 4px 4px rgb(124, 155,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4660, 0.3400, 0.4423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 155, 90) }
```

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

```
.background{ background-color: rgb(124,  
155, 90) }
```

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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