

Converting Colors

$Yxy(36.2703, 0.3537, 0.4434)$

Have a look what the booklet for
Yxy(36.2703, 0.3537, 0.4434)
contains.

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Color

Yxy(36.2662, 0.3536, 0.4439)

Conversions

Conversions Part 1

Format	Color
Hex	94AB60
RGB	148, 171, 96
RGB Percent	58%, 67%, 38%
CMY	0.4196, 0.3294, 0.6235
CMYK	0.13, 0.00, 0.44, 0.33
HSL	78°, 31%, 52%
HSV	78°, 44%, 67%
XYZ	28.8888, 36.2662, 16.5441
YIQ	155.5730, 10.3670, -28.2010

Conversions

Conversions Part 2

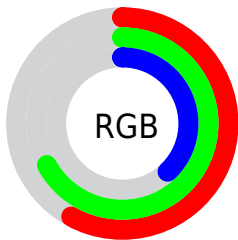
Format	Color
RYB	96, 171, 119
Decimal	9743200
CIELab	66.72, -20.39, 35.90
CIElCh	67, 41.288, 119.590
Yxy	36.2662, 0.3536, 0.4439
Android (android.graphics.Color)	4287933280 (0xFF94AB60)
YUV	155.5730, -29.3695, -6.6415
Hunter-Lab	60.2214, -19.7594, 25.8668

Details

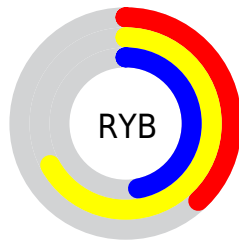
The Yxy color **36.2662, 0.3536, 0.4439** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2279, 0.2558, 0.2035**, and the grayscale version is **33.1770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2273, 0.3470, 0.4202**, and **15.8857, 0.3622, 0.4822** is the 20% darker color. If you saturate the color by 10%, you get **35.5085, 0.3607, 0.4699**, and if you desaturate by 10%, it is **37.1178, 0.3451, 0.4168**.

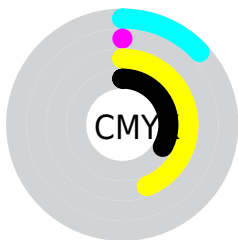
Distribution



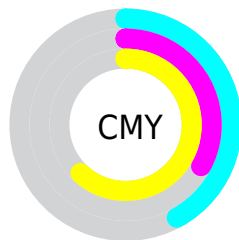
- Red (58%)
- Green (67%)
- Blue (38%)



- Red (38%)
- Yellow (67%)
- Blue (47%)



- Cyan (13%)
- Magenta (0%)
- Yellow (44%)
- Black (33%)




- Cyan (42%)
- Magenta (33%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2662, 0.3536, 0.4439 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 36.2662, 0.3536, 0.4439 by changing the saturation by 10% instead.


 36.2662, 0.3536,
0.4439


 36.2662, 0.3536,
0.4439


330.1226, 0.3344,
0.3824

 24.6399, 0.3576,
0.4603


 69.4427, 0.3471,
0.4207


 15.8089, 0.3619,
0.4817


 91.7617, 0.3445,
0.4122

 9.3891, 0.3661,
0.5107


 118.4137, 0.3423,
0.4052

 4.9958, 0.3691,
0.5522

 149.7831, 0.3403,
0.3992

 2.2448, 0.3730,
0.6270

186.2543, 0.3386,
0.3941

 0.7443, 0.2198,
0.7802

228.2117, 0.3370,

 0.0000, 0.0000,

0.3897

0.0000

276.0396, 0.3356,
0.3858

■ 36.2662, 0.3536,
0.4439

■ 36.2662, 0.3536,
0.4439

■ 35.5085, 0.3607,
0.4699

■ 37.1178, 0.3451,
0.4168

■ 34.8351, 0.3661,
0.4937

■ 38.0627, 0.3358,
0.3897

■ 34.2422, 0.3692,
0.5141


■ 39.1068, 0.3262,
0.3633

■ 33.7238, 0.3700,
0.5303

■ 40.2537, 0.3164,
0.3382

■ 33.2726, 0.3683,
0.5417


■ 41.5069, 0.3069,
0.3148

 33.0189, 0.3665,
0.5472

 42.8700, 0.2978,
0.2933

 44.3459, 0.2891,
0.2736

 45.9380, 0.2811,
0.2558

 47.6489, 0.2736,
0.2398

Harmonies

Analogous

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



36.2662, 0.4066, 0.4267



36.2662, 0.3536, 0.4439



36.2662, 0.2925, 0.4219

Triad

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



36.2662, 0.3536, 0.4439



36.2662, 0.2024, 0.2552



36.2662, 0.3865, 0.2927

Complementary

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



36.2662, 0.3536, 0.4439



15.2279, 0.2558, 0.2035

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.



36.2662, 0.3238, 0.2560



36.2662, 0.3536, 0.4439



36.2662, 0.2214, 0.2335

Square

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



36.2662, 0.3536, 0.4439



36.2662, 0.2084, 0.3015



36.2662, 0.2637, 0.2348



36.2662, 0.4292, 0.3386

Rectangle

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



36.2662, 0.3536, 0.4439



36.2662, 0.2555, 0.3864



36.2662, 0.2637, 0.2348



36.2662, 0.3667, 0.2791

Sweetspot

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



36.2678, 0.3536, 0.4439



70.1612, 0.3255, 0.3617



22.5781, 0.4097, 0.3635



15.5522, 0.3277, 0.3673



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



36.2678, 0.3536, 0.4439



63.5833, 0.3608, 0.4701



33.3503, 0.3188, 0.4577



9.2052, 0.3217, 0.3517



24.9198, 0.3670, 0.5468



0.7202, 0.3836, 0.5337

Inverse Universe

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



15.2279, 0.2558, 0.2035



20.8232, 0.2391, 0.1716



18.3746, 0.2992, 0.2178



7.8718, 0.3031, 0.3059



2.8000, 0.1724, 0.0723



0.1071, 0.2079, 0.0919

Previews

White Background



This preview shows how the Yxy color 36.2662, 0.3536, 0.4439 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 36.2662, 0.3536, 0.4439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

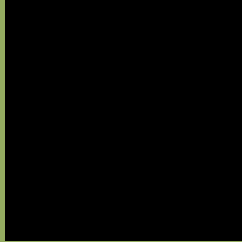
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2662, 0.3536, 0.4439

Background



This preview shows how black text looks on a background with the Yxy color 36.2662, 0.3536, 0.4439.



This preview shows how white text looks on a background with the Yxy color 36.2662, 0.3536, 0.4439.

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

36.2662, 0.3536, 0.4439

Protanopia

36.0960, 0.3916, 0.4250

Deuteranopia

36.0986, 0.4089, 0.4012



Tritanopia

36.2049, 0.2979, 0.3103

Trichromacy



Original Color

36.2662, 0.3536, 0.4439

Protanomaly

35.9339, 0.3775, 0.4318

Deuteranomaly

35.9743, 0.3881, 0.4157

Tritanomaly

35.8556, 0.3189, 0.3576

Monochromacy



Original Color

36.2662, 0.3536, 0.4439

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.9833, 0.3292, 0.3706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2662, 0.3536, 0.4439 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(148, 171, 96)` looks like.

```
.text, #text, p{  
    color:rgb(148, 171, 96)  
}
```

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(148, 171, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 171, 96) }
```

Border

The CSS property to change the border of an element to Yxy 36.2662, 0.3536, 0.4439 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(148, 171, 96) }
```

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

```
.border{ border-color:rgb(148, 171, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 171, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 171, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 171, 96);  
box-shadow:4px 4px 4px 4px rgb(148, 171,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2662, 0.3536, 0.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 171, 96) }
```

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

```
.background{ background-color: rgb(148,  
171, 96) }
```

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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