

Converting Colors

$Yxy(34.0472, 0.3765, 0.4344)$

Have a look what the booklet for
Yxy(34.0472, 0.3765, 0.4344)
contains.

Yxy(34.2774, 0.3764, 0.4343)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.2774, 0.3764, 0.4343)

Conversions

Conversions Part 1

Format	Color
Hex	A2A25B
RGB	162, 162, 91
RGB Percent	64%, 64%, 36%
CMY	0.3647, 0.3647, 0.6433
CMYK	0.00, 0.00, 0.44, 0.36
HSL	60°, 28%, 50%
HSV	60°, 44%, 64%
XYZ	29.7076, 34.2774, 14.9406
YIQ	153.9060, 22.7910, -22.0810

Conversions

Conversions Part 2

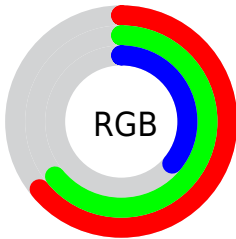
Format	Color
RYB	91, 162, 91
Decimal	10658395
CIELab	65.18, -10.60, 36.81
CIElCh	65, 38.308, 106.064
Yxy	34.2774, 0.3764, 0.4343
Android (android.graphics.Color)	4288848475 (0xFFA2A25B)
YUV	153.9060, -31.0127, 7.0984
Hunter-Lab	58.5469, -11.8834, 25.8526

Details

The Yxy color **34.2774, 0.3764, 0.4343** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.3088, 0.2325, 0.1964**, and the grayscale version is **32.4021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4841, 0.3653, 0.4144**, and **14.7873, 0.3929, 0.4681** is the 20% darker color. If you saturate the color by 10%, you get **34.0288, 0.3890, 0.4552**, and if you desaturate by 10%, it is **34.5895, 0.3625, 0.4113**.

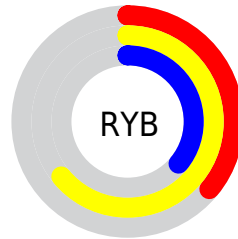
Distribution



Red (64%)

Green (64%)

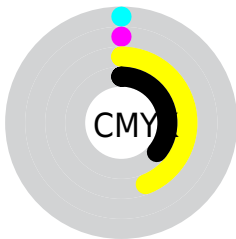
Blue (36%)



Red (36%)

Yellow (64%)

Blue (36%)

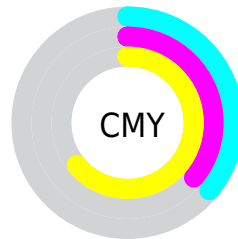


Cyan (0%)

Magenta (0%)

Yellow (44%)

Black (36%)



Cyan (36%)


Magenta (36%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2774, 0.3764, 0.4343 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 34.2774, 0.3764, 0.4343 by changing the saturation by 10% instead.

 34.2774, 0.3764,
0.4343


 34.2774, 0.3764,
0.4343


321.3672, 0.3447,
0.3788


 23.1068, 0.3837,
0.4487


 66.3648, 0.3652,
0.4136


 14.6724, 0.3926,
0.4671


 88.0504, 0.3608,
0.4060

 8.5898, 0.4028,
0.4913


 114.0098, 0.3571,
0.3996

 4.4746, 0.4173,
0.5282

 144.6273, 0.3540,
0.3942

 1.9424, 0.4262,
0.5738

180.2875, 0.3512,
0.3895

 0.5737, 0.3331,
0.6669

221.3745, 0.3488,

 0.0000, 0.0000,

0.3854

0.0000

268.2730, 0.3466,
0.3819

■ 34.2774, 0.3764,
0.4343

■ 34.2774, 0.3764,
0.4343

■ 34.0288, 0.3890,
0.4552

■ 34.5895, 0.3625,
0.4113

■ 33.8351, 0.3998,
0.4730

■ 34.9639, 0.3478,
0.3870

■ 33.6934, 0.4083,
0.4871


■ 35.4056, 0.3329,
0.3624


■ 33.5987, 0.4143,
0.4970


■ 35.9175, 0.3182,
0.3381


■ 33.5450, 0.4178,
0.5028

■ 36.5026, 0.3041,
0.3148

 33.5231, 0.4193,
0.5053

 37.1637, 0.2907,
0.2927

 37.9031, 0.2783,
0.2721

 38.7235, 0.2668,
0.2531

 39.6272, 0.2564,
0.2358

Harmonies

Analogous

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



34.2774, 0.4179, 0.4067



34.2774, 0.3764, 0.4343



34.2774, 0.3200, 0.4307

Triad

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



34.2774, 0.3764, 0.4343



34.2774, 0.2073, 0.2764



34.2774, 0.3569, 0.2774

Complementary

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



34.2774, 0.3764, 0.4343



12.3088, 0.2325, 0.1964

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.



34.2774, 0.2963, 0.2483



34.2774, 0.3764, 0.4343



34.2774, 0.2148, 0.2448

Square

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



34.2774, 0.3764, 0.4343



34.2774, 0.2243, 0.3293



34.2774, 0.2456, 0.2362



34.2774, 0.4083, 0.3182

Rectangle

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



34.2774, 0.3764, 0.4343



34.2774, 0.2819, 0.4069



34.2774, 0.2456, 0.2362



34.2774, 0.3366, 0.2661

Sweetspot

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



34.2790, 0.3764, 0.4343



64.3232, 0.3320, 0.3609



15.9138, 0.4248, 0.3293



14.4057, 0.3352, 0.3662



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.



34.2790, 0.3764, 0.4343



61.7653, 0.3892, 0.4555



31.0706, 0.3393, 0.4490



8.2372, 0.3262, 0.3512



26.4080, 0.4193, 0.5053



0.5549, 0.4193, 0.5053

Inverse Universe

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



12.3088, 0.2325, 0.1964



16.4301, 0.2111, 0.1610



14.5586, 0.2725, 0.2095



6.8600, 0.2987, 0.3058



2.0553, 0.1500, 0.0600



0.0432, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 34.2774, 0.3764, 0.4343 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 34.2774, 0.3764, 0.4343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

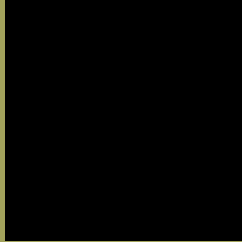
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2774, 0.3764, 0.4343

Background



This preview shows how black text looks on a background with the Yxy color 34.2774, 0.3764, 0.4343.



This preview shows how white text looks on a background with the Yxy color 34.2774, 0.3764, 0.4343.

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

34.2774, 0.3764, 0.4343

Protanopia

34.1906, 0.3925, 0.4256

Deuteranopia

34.1478, 0.4130, 0.4050



Tritanopia

34.0451, 0.3185, 0.3119

Trichromacy



Original Color

34.2774, 0.3764, 0.4343

Protanomaly

34.0805, 0.3875, 0.4285

Deuteranomaly

34.0568, 0.3994, 0.4153

Tritanomaly

33.8274, 0.3408, 0.3557

Monochromacy



Original Color

34.2774, 0.3764, 0.4343

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.9207, 0.3369, 0.3690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2774, 0.3764, 0.4343 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(162, 162, 91)` looks like.

```
.text, #text, p{  
    color:rgb(162, 162, 91)  
}
```

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(162, 162, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 162, 91) }
```

Border

The CSS property to change the border of an element to Yxy 34.2774, 0.3764, 0.4343 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(162, 162, 91) }
```

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

```
.border{ border-color:rgb(162, 162, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 162, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 162, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 162, 91);  
box-shadow:4px 4px 4px 4px rgb(162, 162,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2774, 0.3764, 0.4343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 162, 91) }
```

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

```
.background{ background-color: rgb(162,  
162, 91) }
```

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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