

Converting Colors

$Yxy(34.7944, 0.3654, 0.4207)$

Have a look what the booklet for
Yxy(34.7944, 0.3654, 0.4207)
contains.

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Color

Yxy(34.7308, 0.3655, 0.4204)

Conversions

Conversions Part 1

Format	Color
Hex	A1A366
RGB	161, 163, 102
RGB Percent	63%, 64%, 40%
CMY	0.3686, 0.3608, 0.5999
CMYK	0.01, 0.00, 0.37, 0.36
HSL	62°, 25%, 52%
HSV	62°, 37%, 64%
XYZ	30.1953, 34.7308, 17.6876
YIQ	155.4480, 18.3890, -19.3950

Conversions

Conversions Part 2

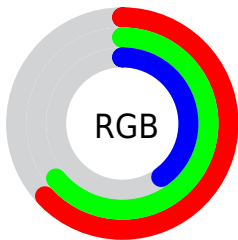
Format	Color
RYB	102, 163, 104
Decimal	10593126
CIELab	65.54, -10.29, 31.46
CIELCh	66, 33.097, 108.113
Yxy	34.7308, 0.3655, 0.4204
Android (android.graphics.Color)	4288783206 (0xFFA1A366)
YUV	155.4480, -26.3499, 4.8691
Hunter-Lab	58.9328, -11.6748, 23.4582

Details

The Yxy color **34.7308, 0.3655, 0.4204** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.0952, 0.2481, 0.2193**, and the grayscale version is **33.1023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2276, 0.3561, 0.4022**, and **14.8234, 0.3793, 0.4485** is the 20% darker color. If you saturate the color by 10%, you get **34.3848, 0.3784, 0.4432**, and if you desaturate by 10%, it is **35.1438, 0.3516, 0.3961**.

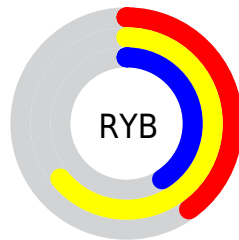
Distribution



Red (63%)

Green (64%)

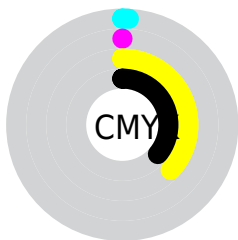
Blue (40%)



Red (40%)

Yellow (64%)

Blue (41%)

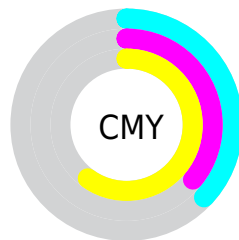


Cyan (1%)

Magenta (0%)

Yellow (37%)

Black (36%)



Cyan (37%)


Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7308, 0.3655, 0.4204 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 34.7308, 0.3655, 0.4204 by changing the saturation by 10% instead.


 34.7308, 0.3655,
0.4204


 34.7308, 0.3655,
0.4204


323.3785, 0.3390,
0.3720


 23.4556, 0.3718,
0.4332

 67.0685, 0.3560,
0.4022


 14.9303, 0.3797,
0.4498


 88.8998, 0.3524,
0.3956

 8.7705, 0.3893,
0.4722


 115.0186, 0.3493,
0.3900

 4.5918, 0.4005,
0.5032

 145.8092, 0.3466,
0.3853

 2.0098, 0.4288,
0.5712

181.6562, 0.3443,
0.3813

 0.6132, 0.3510,
0.6490

222.9438, 0.3423,

 0.0000, 0.0000,

0.3777

0.0000

270.0564, 0.3406,
0.3747

■ 34.7308, 0.3655,
0.4204

■ 34.7308, 0.3655,
0.4204

■ 34.3848, 0.3784,
0.4432

■ 35.1438, 0.3516,
0.3961

■ 34.0973, 0.3899,
0.4637

■ 35.6225, 0.3373,
0.3713

■ 33.8657, 0.3993,
0.4809


■ 36.1716, 0.3230,
0.3467


■ 33.6855, 0.4064,
0.4942


■ 36.7942, 0.3092,
0.3229

■ 33.5511, 0.4110,
0.5033

■ 37.4931, 0.2960,
0.3004


 33.4539, 0.4132,
0.5085

 38.2709, 0.2836,
0.2794

 33.4307, 0.4137,
0.5097

 39.1302, 0.2722,
0.2599

 40.0734, 0.2616,
0.2422

 41.1028, 0.2521,
0.2260

Harmonies

Analogous

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



34.7308, 0.4022, 0.3995



34.7308, 0.3655, 0.4204



34.7308, 0.3163, 0.4139

Triad

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



34.7308, 0.3655, 0.4204



34.7308, 0.2204, 0.2817



34.7308, 0.3545, 0.2863

Complementary

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



34.7308, 0.3655, 0.4204



15.0952, 0.2481, 0.2193

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.



34.7308, 0.3024, 0.2596



34.7308, 0.3655, 0.4204



34.7308, 0.2284, 0.2548

Square

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



34.7308, 0.3655, 0.4204



34.7308, 0.2342, 0.3264



34.7308, 0.2571, 0.2480



34.7308, 0.3970, 0.3230

Rectangle

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



34.7308, 0.3655, 0.4204



34.7308, 0.2834, 0.3923



34.7308, 0.2571, 0.2480



34.7308, 0.3373, 0.2760

Sweetspot

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



34.7324, 0.3655, 0.4204



64.3914, 0.3284, 0.3560



18.4543, 0.4009, 0.3309



14.4335, 0.3302, 0.3591



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.



34.7324, 0.3655, 0.4204



61.6704, 0.3765, 0.4398



32.0194, 0.3352, 0.4304



8.2254, 0.3257, 0.3512



25.9855, 0.4138, 0.5097



0.5494, 0.4159, 0.5080

Inverse Universe

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



15.0952, 0.2481, 0.2193



21.2797, 0.2307, 0.1902



17.1808, 0.2810, 0.2286



6.8705, 0.2992, 0.3058



2.0858, 0.1513, 0.0607



0.0469, 0.1577, 0.0642

Previews

White Background



This preview shows how the Yxy color 34.7308, 0.3655, 0.4204 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 34.7308, 0.3655, 0.4204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

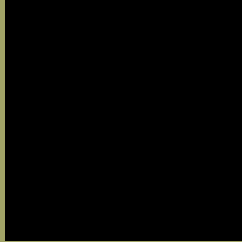
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

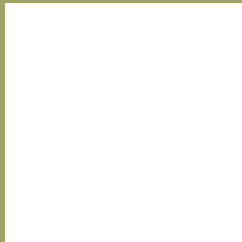
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.7308, 0.3655, 0.4204

Background



This preview shows how black text looks on a background with the Yxy color 34.7308, 0.3655, 0.4204.



This preview shows how white text looks on a background with the Yxy color 34.7308, 0.3655, 0.4204.

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

34.7308, 0.3655, 0.4204

Protanopia

34.6006, 0.3820, 0.4140

Deuteranopia

34.5323, 0.4017, 0.3940



Tritanopia

34.6677, 0.3155, 0.3120

Trichromacy



Original Color

34.7308, 0.3655, 0.4204

Protanomaly

34.5162, 0.3763, 0.4152

Deuteranomaly

34.4595, 0.3885, 0.4037

Tritanomaly

34.5439, 0.3345, 0.3511

Monochromacy



Original Color

34.7308, 0.3655, 0.4204

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.3994, 0.3320, 0.3626

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7308, 0.3655, 0.4204 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(161, 163, 102)` looks like.

```
.text, #text, p{  
    color:rgb(161, 163, 102)  
}
```

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(161, 163, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 163, 102) }
```

Border

The CSS property to change the border of an element to Yxy 34.7308, 0.3655, 0.4204 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(161, 163, 102) }
```

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

```
.border{ border-color:rgb(161, 163, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 163, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 163, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 163, 102); box-shadow:4px 4px 4px 4px rgb(161, 163, 102) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7308, 0.3655, 0.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 163, 102) }
```

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

```
.background{ background-color: rgb(161,  
163, 102) }
```

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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