

Converting Colors

$Yxy(35.4756, 0.3227, 0.3622)$

Have a look what the booklet for
Yxy(35.4756, 0.3227, 0.3622)
contains.

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Color

Yxy(35.3739, 0.3225, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	9AA48E
RGB	154, 164, 142
RGB Percent	60%, 64%, 56%
CMY	0.3962, 0.3568, 0.4432
CMYK	0.06, 0.00, 0.13, 0.36
HSL	87°, 11%, 60%
HSV	87°, 13%, 64%
XYZ	31.4793, 35.3739, 30.7569
YIQ	158.5020, 1.1020, -8.9620

Conversions

Conversions Part 2

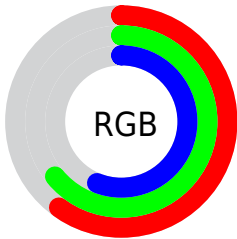
Format	Color
RYB	142, 164, 152
Decimal	10134670
CIELab	66.04, -7.68, 10.22
CIELCh	66, 12.781, 126.916
Yxy	35.3739, 0.3225, 0.3624
Android (android.graphics.Color)	4288324750 (0xFF9AA48E)
YUV	158.5020, -8.1355, -3.9483
Hunter-Lab	59.4760, -9.6070, 10.9724

Details

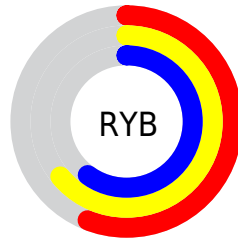
The Yxy color $35.3739, 0.3225, 0.3624$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $28.7042, 0.3019, 0.2954$, and the grayscale version is $34.4676, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.0585, 0.3202, 0.3554$, and $15.2446, 0.3254, 0.3725$ is the 20% darker color. If you saturate the color by 10%, you get $34.2072, 0.3297, 0.3894$, and if you desaturate by 10%, it is $36.6619, 0.3152, 0.3372$.

Distribution



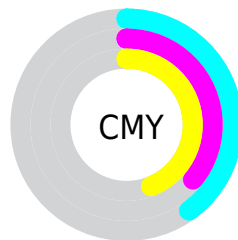
- Red (60%)
- Green (64%)
- Blue (56%)



- Red (56%)
- Yellow (64%)
- Blue (60%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (36%)




- Cyan (40%)
- Magenta (36%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3739, 0.3225, 0.3624 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 35.3739, 0.3225, 0.3624 by changing the saturation by 10% instead.

 35.3739, 0.3225,
0.3624


 35.3739, 0.3225,
0.3624


 326.2156, 0.3175,
0.3447

 23.9510, 0.3238,
0.3672


 68.0646, 0.3207,
0.3557

 15.2973, 0.3254,
0.3736


 90.1012, 0.3200,
0.3532


 9.0283, 0.3276,
0.3826

 116.4445, 0.3194,
0.3512

 4.7597, 0.3306,
0.3961

 147.4790, 0.3189,
0.3495

 2.1069, 0.3350,
0.4184

 183.5889, 0.3185,
0.3480

 0.6685, 0.3965,
0.5916

 225.1587, 0.3181,

 0.0000, 0.0000,

0.3468

0.0000

272.5728, 0.3178,
0.3456

■ 35.3739, 0.3225,
0.3624

■ 35.3739, 0.3225,
0.3624

■ 34.2072, 0.3297,
0.3894

■ 36.6619, 0.3152,
0.3372

■ 33.1532, 0.3364,
0.4177

■ 38.0705, 0.3080,
0.3140

■ 32.2093, 0.3423,
0.4466

■ 39.6046, 0.3010,
0.2929

■ 31.3709, 0.3470,
0.4750

■ 41.2678, 0.2944,
0.2739

■ 30.6331, 0.3500,
0.5017

■ 43.0633, 0.2882,
0.2568

■ 29.9904, 0.3509,
0.5252

■ 44.9943, 0.2823,
0.2416

■ 29.4367, 0.3497,
0.5443

■ 46.9470, 0.2781,
0.2296

■ 28.9648, 0.3462,
0.5583

■ 48.0460, 0.2839,
0.2312

■ 28.6890, 0.3433,
0.5656

■ 49.1966, 0.2898,
0.2328

Harmonies

Analogous

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



35.3739, 0.3400, 0.3624



35.3739, 0.3225, 0.3624



35.3739, 0.3028, 0.3526

Triad

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



35.3739, 0.3225, 0.3624



35.3739, 0.2764, 0.3036



35.3739, 0.3397, 0.3215

Complementary

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



35.3739, 0.3225, 0.3624



28.7042, 0.3019, 0.2954

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.



35.3739, 0.3219, 0.3070



35.3739, 0.3225, 0.3624



35.3739, 0.2856, 0.2966

Square

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



35.3739, 0.3225, 0.3624



35.3739, 0.2766, 0.3178



35.3739, 0.3021, 0.2980



35.3739, 0.3502, 0.3383

Rectangle

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



35.3739, 0.3225, 0.3624



35.3739, 0.2911, 0.3420



35.3739, 0.3021, 0.2980



35.3739, 0.3343, 0.3163

Sweetspot

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



35.3754, 0.3225, 0.3624



66.3772, 0.3157, 0.3388



32.2716, 0.3347, 0.3439



14.4730, 0.3162, 0.3405



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.



35.3754, 0.3225, 0.3624



63.5695, 0.3246, 0.3700



34.3567, 0.3121, 0.3635



8.0759, 0.3195, 0.3517



22.0219, 0.3440, 0.5651



0.4904, 0.3715, 0.5432

Inverse Universe

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



28.7042, 0.3019, 0.2954



49.1560, 0.2993, 0.2878



29.8023, 0.3131, 0.2966



7.0108, 0.3055, 0.3063



3.2242, 0.1960, 0.0853



0.0957, 0.2388, 0.1089

Previews

White Background



This preview shows how the Yxy color 35.3739, 0.3225, 0.3624 looks on a white background.

Color Contrast Check

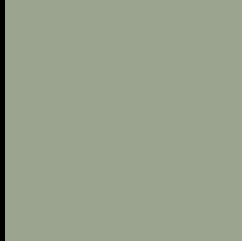
Large Text (above 18pt) WCAG AA × Fail

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 35.3739, 0.3225, 0.3624 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

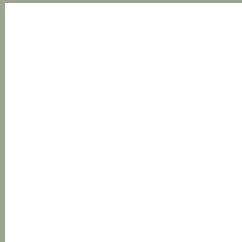
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.3739, 0.3225, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 35.3739, 0.3225, 0.3624.



This preview shows how white text looks on a background with the Yxy color 35.3739, 0.3225, 0.3624.

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

35.3739, 0.3225, 0.3624

Protanopia

35.3599, 0.3390, 0.3583

Deuteranopia

35.4014, 0.3508, 0.3445



Tritanopia

35.4911, 0.3013, 0.3117

Trichromacy



Original Color

35.3739, 0.3225, 0.3624

Protanomaly

35.1994, 0.3328, 0.3587

Deuteranomaly

35.2075, 0.3407, 0.3507

Tritanomaly

35.2310, 0.3089, 0.3290

Monochromacy



Original Color

35.3739, 0.3225, 0.3624

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.5767, 0.3170, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3739, 0.3225, 0.3624 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(154, 164, 142)` looks like.

```
.text, #text, p{  
    color:rgb(154, 164, 142)  
}
```

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(154, 164, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 164, 142) }
```

Border

The CSS property to change the border of an element to Yxy 35.3739, 0.3225, 0.3624 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(154, 164, 142) }
```

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

```
.border{ border-color:rgb(154, 164, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 164, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 164, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 164, 142);  
box-shadow:4px 4px 4px 4px rgb(154, 164,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3739, 0.3225, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 164, 142) }
```

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

```
.background{ background-color: rgb(154,  
164, 142) }
```

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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