

Converting Colors

Yxy(39.2316, 0.3259, 0.3560)

Have a look what the booklet for
Yxy(39.2316, 0.3259, 0.3560)
contains.

Yxy(39.1993, 0.3262, 0.3562)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.1993, 0.3262, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	A7AA97
RGB	167, 170, 151
RGB Percent	65%, 67%, 59%
CMY	0.3451, 0.3333, 0.4078
CMYK	0.02, 0.00, 0.11, 0.33
HSL	69°, 10%, 63%
HSV	69°, 11%, 67%
XYZ	35.8978, 39.1993, 34.9514
YIQ	166.9370, 4.3110, -6.5450

Conversions

Conversions Part 2

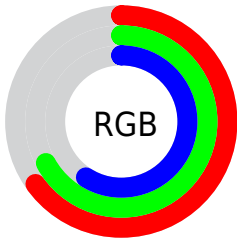
Format	Color
RYB	151, 170, 154
Decimal	10988183
CIELab	68.90, -4.51, 9.43
CIElCh	69, 10.453, 115.545
Yxy	39.1993, 0.3262, 0.3562
Android (android.graphics.Color)	4289178263 (0xFFA7AA97)
YUV	166.9370, -7.8569, 0.0553
Hunter-Lab	62.6093, -7.2212, 10.7281

Details

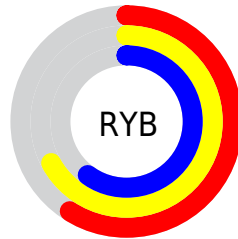
The Yxy color **39.1993, 0.3262, 0.3562** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9048, 0.2984, 0.3008**, and the grayscale version is **38.6499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7878, 0.3237, 0.3509**, and **17.5218, 0.3304, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **38.3990, 0.3384, 0.3816**, and if you desaturate by 10%, it is **40.0887, 0.3141, 0.3318**.

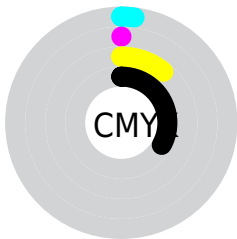
Distribution



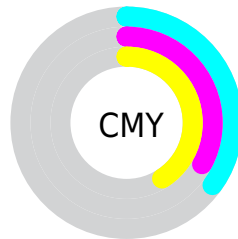
- Red (65%)
- Green (67%)
- Blue (59%)



- Red (59%)
- Yellow (67%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)





- Cyan (35%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1993, 0.3262, 0.3562 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 39.1993, 0.3262, 0.3562 by changing the saturation by 10% instead.


 39.1993, 0.3262,
0.3562


 39.1993, 0.3262,
0.3562

342.7371, 0.3193,
0.3421

 26.9148, 0.3280,
0.3599


 73.9427, 0.3237,
0.3509

 17.5092, 0.3302,
0.3648

 97.1704, 0.3227,
0.3490

 10.5982, 0.3333,
0.3715

124.8146, 0.3219,
0.3474

 5.7974, 0.3376,
0.3812

157.2597, 0.3213,
0.3460

 2.7223, 0.3442,
0.3968

194.8901, 0.3207,
0.3448

 0.9885, 0.3708,
0.4438

238.0902, 0.3202,

 0.0000, 0.0000,

0.3438

0.0000

287.2444, 0.3197,
0.3429

■ 39.1993, 0.3262,
0.3562

■ 39.1993, 0.3262,
0.3562

■ 38.3990, 0.3384,
0.3816

■ 40.0887, 0.3141,
0.3318

■ 37.6793, 0.3505,
0.4074

■ 41.0654, 0.3025,
0.3088

■ 37.0381, 0.3619,
0.4328

■ 42.1340, 0.2914,
0.2874

■ 36.4716, 0.3721,
0.4569

■ 43.2975, 0.2811,
0.2677

■ 35.9754, 0.3806,
0.4785

■ 44.5586, 0.2715,
0.2498

■ 35.5447, 0.3869,
0.4969

■ 45.9200, 0.2627,
0.2335

■ 35.1739, 0.3909,
0.5112

■ 46.3801, 0.2634,
0.2322

■ 34.8565, 0.3923,
0.5211

■ 46.7183, 0.2653,
0.2326

■ 34.6084, 0.3919,
0.5270

■ 47.0629, 0.2672,
0.2332

Harmonies

Analogous

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



39.1993, 0.3382, 0.3535



39.1993, 0.3262, 0.3562



39.1993, 0.3108, 0.3512

Triad

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



39.1993, 0.3262, 0.3562



39.1993, 0.2830, 0.3127



39.1993, 0.3292, 0.3184

Complementary

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



39.1993, 0.3262, 0.3562



31.9048, 0.2984, 0.3008

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.



39.1993, 0.3140, 0.3081



39.1993, 0.3262, 0.3562



39.1993, 0.2876, 0.3046

Square

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



39.1993, 0.3262, 0.3562



39.1993, 0.2861, 0.3256



39.1993, 0.2989, 0.3031



39.1993, 0.3400, 0.3314

Rectangle

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



39.1993, 0.3262, 0.3562



39.1993, 0.3007, 0.3442



39.1993, 0.2989, 0.3031



39.1993, 0.3244, 0.3145

Sweetspot

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



39.2010, 0.3262, 0.3562



72.4201, 0.3164, 0.3363



33.8423, 0.3317, 0.3332



16.1207, 0.3173, 0.3382



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.



39.2010, 0.3262, 0.3562



70.8119, 0.3287, 0.3614



38.2184, 0.3175, 0.3569



8.7131, 0.3239, 0.3515



25.4774, 0.3922, 0.5268



0.6354, 0.4018, 0.5192

Inverse Universe

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



31.9048, 0.2984, 0.3008



55.3555, 0.2955, 0.2952



32.8590, 0.3074, 0.3016



7.3552, 0.3010, 0.3058



2.3208, 0.1577, 0.0642



0.0727, 0.1832, 0.0783

Previews

White Background



This preview shows how the Yxy color 39.1993, 0.3262, 0.3562 looks on a white background.

Color Contrast Check

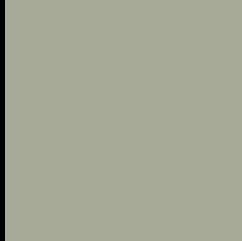
Large Text (above 18pt) WCAG AA × Fail

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 39.1993, 0.3262, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

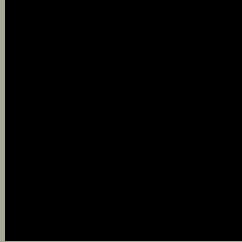
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

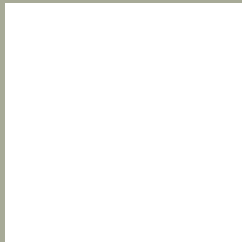
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1993, 0.3262, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 39.1993, 0.3262, 0.3562.



This preview shows how white text looks on a background with the Yxy color 39.1993, 0.3262, 0.3562.

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

39.1993, 0.3262, 0.3562

Protanopia

38.9534, 0.3352, 0.3529

Deuteranopia

39.0877, 0.3483, 0.3412



Tritanopia

39.1850, 0.3063, 0.3112

Trichromacy



Original Color

39.1993, 0.3262, 0.3562

Protanomaly

38.9779, 0.3322, 0.3545

Deuteranomaly

39.1223, 0.3406, 0.3469

Tritanomaly

39.0481, 0.3138, 0.3262

Monochromacy



Original Color

39.1993, 0.3262, 0.3562

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7940, 0.3178, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1993, 0.3262, 0.3562 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(167, 170, 151)` looks like.

```
.text, #text, p{  
    color:rgb(167, 170, 151)  
}
```

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(167, 170, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 170, 151) }
```

Border

The CSS property to change the border of an element to Yxy 39.1993, 0.3262, 0.3562 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(167, 170, 151) }
```

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

```
.border{ border-color:rgb(167, 170, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 170, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 170, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 170, 151);  
box-shadow:4px 4px 4px 4px rgb(167, 170,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1993, 0.3262, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 170, 151) }
```

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

```
.background{ background-color: rgb(167,  
170, 151) }
```

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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