

Converting Colors

Yxy(35.7806, 0.3322, 0.3509)

Have a look what the booklet for
Yxy(35.7806, 0.3322, 0.3509)
contains.

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Color

Yxy(35.7806, 0.3322, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	A7A192
RGB	167, 161, 146
RGB Percent	65%, 63%, 57%
CMY	0.3450, 0.3686, 0.4275
CMYK	0.00, 0.04, 0.13, 0.34
HSL	43°, 11%, 61%
HSV	43°, 13%, 66%
XYZ	33.8738, 35.7806, 32.3137
YIQ	161.0840, 8.3910, -3.3930

Conversions

Conversions Part 2

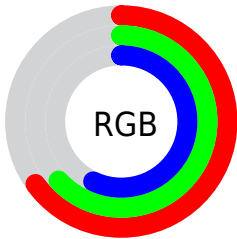
Format	Color
RYB	154, 167, 146
Decimal	10985874
CIELab	66.35, -0.47, 8.58
CIELCh	66, 8.594, 93.128
Yxy	35.7806, 0.3322, 0.3509
Android (android.graphics.Color)	4289175954 (0xFFA7A192)
YUV	161.0840, -7.4364, 5.1883
Hunter-Lab	59.8169, -3.5965, 9.8428

Details

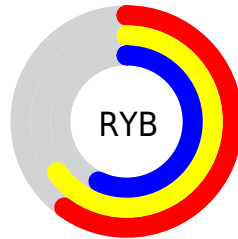
The Yxy color **35.7806, 0.3322, 0.3509** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3684, 0.2934, 0.3061**, and the grayscale version is **35.7163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8115, 0.3281, 0.3468**, and **15.6412, 0.3377, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **33.6570, 0.3492, 0.3691**, and if you desaturate by 10%, it is **38.0475, 0.3165, 0.3334**.

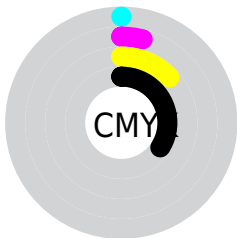
Distribution



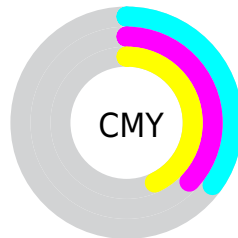
- Red (65%)
- Green (63%)
- Blue (57%)



- Red (60%)
- Yellow (65%)
- Blue (57%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (34%)





- Cyan (35%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7806, 0.3322, 0.3509 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 35.7806, 0.3322, 0.3509 by changing the saturation by 10% instead.


 35.7806, 0.3322,
0.3509


 35.7806, 0.3322,
0.3509


328.0006, 0.3220,
0.3395

 24.2648, 0.3349,
0.3539

 68.6933, 0.3284,
0.3466

 15.5302, 0.3384,
0.3579


 90.8590, 0.3270,
0.3450

 9.1923, 0.3433,
0.3634


117.3434, 0.3258,
0.3437

 4.8668, 0.3504,
0.3715

148.5310, 0.3248,
0.3426

 2.1693, 0.3618,
0.3845

184.8061, 0.3240,
0.3417

 0.7032, 0.4305,
0.4609

226.5531, 0.3233,

 0.0000, 0.0000,

0.3408

0.0000

274.1565, 0.3226,
0.3401

■ 35.7806, 0.3322,
0.3509

■ 35.7806, 0.3322,
0.3509

■ 33.6570, 0.3492,
0.3691

■ 38.0475, 0.3165,
0.3334

■ 31.6680, 0.3675,
0.3875

■ 40.4567, 0.3023,
0.3168

■ 29.8109, 0.3866,
0.4054

■ 43.0135, 0.2895,
0.3013

■ 28.0811, 0.4060,
0.4222

■ 45.7212, 0.2779,
0.2870

■ 26.4738, 0.4252,
0.4367

■ 48.5831, 0.2676,
0.2738

■ 24.9835, 0.4431,
0.4479

■ 51.6025, 0.2585,
0.2617

■ 23.6041, 0.4590,
0.4549

■ 54.2618, 0.2544,
0.2585

■ 22.3285, 0.4720,
0.4572

■ 56.4370, 0.2552,
0.2643

■ 21.4392, 0.4804,
0.4567

■ 58.6817, 0.2559,
0.2701

Harmonies

Analogous

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



35.7806, 0.3382, 0.3444



35.7806, 0.3322, 0.3509



35.7806, 0.3210, 0.3515

Triad

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



35.7806, 0.3322, 0.3509



35.7806, 0.2889, 0.3232



35.7806, 0.3173, 0.3131

Complementary

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



35.7806, 0.3322, 0.3509



31.3684, 0.2934, 0.3061

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.



35.7806, 0.3041, 0.3075



35.7806, 0.3322, 0.3509



35.7806, 0.2879, 0.3130

Square

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



35.7806, 0.3322, 0.3509



35.7806, 0.2961, 0.3353



35.7806, 0.2934, 0.3074



35.7806, 0.3295, 0.3227

Rectangle

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



35.7806, 0.3322, 0.3509



35.7806, 0.3122, 0.3483



35.7806, 0.2934, 0.3074



35.7806, 0.3128, 0.3107

Sweetspot

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



35.7822, 0.3322, 0.3509



67.4977, 0.3188, 0.3359



31.0528, 0.3286, 0.3197



15.0369, 0.3199, 0.3372



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.7822, 0.3322, 0.3509



63.0150, 0.3366, 0.3557



37.4912, 0.3270, 0.3598



8.4047, 0.3269, 0.3450



16.4860, 0.4797, 0.4573



0.4820, 0.4558, 0.4763

Inverse Universe

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



31.3684, 0.2934, 0.3061



53.6065, 0.2890, 0.3008



29.8516, 0.2973, 0.2971



7.6381, 0.2986, 0.3124



3.8215, 0.1610, 0.0995



0.1790, 0.1795, 0.1661

Previews

White Background



This preview shows how the Yxy color 35.7806, 0.3322, 0.3509 looks on a white background.

Color Contrast Check

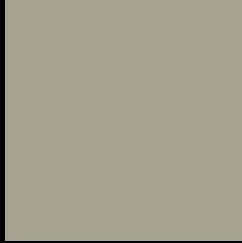
Large Text (above 18pt) WCAG AA × Fail

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 35.7806, 0.3322, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

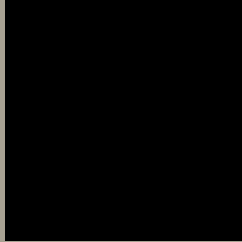
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

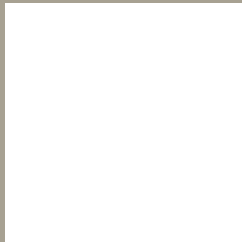
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.7806, 0.3322, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 35.7806, 0.3322, 0.3509.



This preview shows how white text looks on a background with the Yxy color 35.7806, 0.3322, 0.3509.

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

35.7806, 0.3322, 0.3509

Protanopia

35.8899, 0.3332, 0.3508

Deuteranopia

35.8286, 0.3475, 0.3416



Tritanopia

35.5623, 0.3136, 0.3107

Trichromacy



Original Color

35.7806, 0.3322, 0.3509

Protanomaly

35.8899, 0.3332, 0.3508

Deuteranomaly

35.9074, 0.3419, 0.3446

Tritanomaly

35.4619, 0.3207, 0.3247

Monochromacy



Original Color

35.7806, 0.3322, 0.3509

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.6766, 0.3191, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7806, 0.3322, 0.3509 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, 161, 146)` looks like.

```
.text, #text, p{  
    color:rgb(167, 161, 146)  
}
```

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, 161, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 161, 146) }
```

Border

The CSS property to change the border of an element to Yxy 35.7806, 0.3322, 0.3509 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, 161, 146) }
```

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

```
.border{ border-color:rgb(167, 161, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 161, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 161, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 161, 146); box-shadow:4px 4px 4px 4px rgb(167, 161, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7806, 0.3322, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 161, 146) }
```

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

```
.background{ background-color: rgb(167,  
161, 146) }
```

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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