

Converting Colors

$Y_{xy}(34.2231, 0.3232, 0.3533)$

Have a look what the booklet for
Yxy(34.2231, 0.3232, 0.3533)
contains.

Yxy(34.2231, 0.3232, 0.3533)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.2231, 0.3232, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	9CA090
RGB	156, 160, 144
RGB Percent	61%, 63%, 56%
CMY	0.3884, 0.3725, 0.4353
CMYK	0.03, 0.00, 0.10, 0.37
HSL	75°, 8%, 60%
HSV	75°, 10%, 63%
XYZ	31.3074, 34.2231, 31.3365
YIQ	156.9800, 2.7520, -5.8240

Conversions

Conversions Part 2

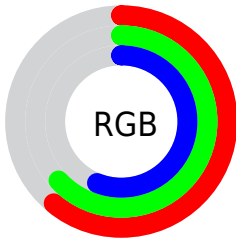
Format	Color
RYB	144, 160, 148
Decimal	10264720
CIELab	65.14, -4.43, 7.85
CIELCh	65, 9.013, 119.444
Yxy	34.2231, 0.3232, 0.3533
Android (android.graphics.Color)	4288454800 (0xFF9CA090)
YUV	156.9800, -6.3991, -0.8595
Hunter-Lab	58.5005, -6.8490, 9.1910

Details

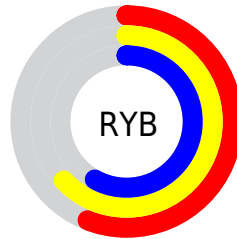
The Yxy color **34.2231, 0.3232, 0.3533** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.7832, 0.3016, 0.3041**, and the grayscale version is **33.7332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5270, 0.3214, 0.3485**, and **14.7487, 0.3264, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **33.3713, 0.3338, 0.3789**, and if you desaturate by 10%, it is **35.1607, 0.3127, 0.3290**.

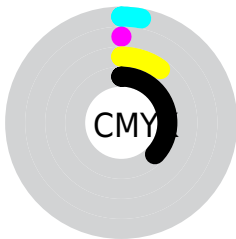
Distribution



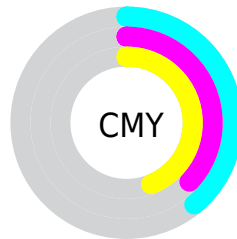
- Red (61%)
- Green (63%)
- Blue (56%)



- Red (56%)
- Yellow (63%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (37%)



- Cyan (39%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.2231, 0.3232, 0.3533 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 34.2231, 0.3232, 0.3533 by changing the saturation by 10% instead.

■ 34.2231, 0.3232,
0.3533

■ 34.2231, 0.3232,
0.3533

■ 321.1257, 0.3177,
0.3404

■ 23.0650, 0.3246,
0.3568

■ 66.2805, 0.3212,
0.3484

■ 14.6415, 0.3265,
0.3615

■ 87.9485, 0.3204,
0.3466

■ 8.5682, 0.3291,
0.3680

■ 113.8888, 0.3198,
0.3452

■ 4.4606, 0.3328,
0.3778

■ 144.4855, 0.3193,
0.3439

■ 1.9344, 0.3387,
0.3941

■ 180.1232, 0.3188,
0.3429

■ 0.5689, 0.4034,
0.5306

■ 221.1862, 0.3184,

■ 0.0000, 0.0000,

0.3419

0.0000

268.0589, 0.3181,
0.3411

■ 34.2231, 0.3232,
0.3533

■ 34.2231, 0.3232,
0.3533

■ 33.3713, 0.3338,
0.3789

■ 35.1607, 0.3127,
0.3290

■ 32.5980, 0.3441,
0.4053

■ 36.1826, 0.3026,
0.3064

■ 31.9012, 0.3539,
0.4317

■ 37.2930, 0.2930,
0.2855

■ 31.2776, 0.3625,
0.4574

■ 38.4944, 0.2839,
0.2665

■ 30.7233, 0.3695,
0.4812

■ 39.7893, 0.2755,
0.2492

■ 30.2342, 0.3745,
0.5019

■ 41.1801, 0.2677,
0.2336

■ 29.8054, 0.3772,
0.5188

■ 42.6044, 0.2612,
0.2205

■ 29.4315, 0.3773,
0.5312

■ 43.1143, 0.2642,
0.2213

■ 29.0999, 0.3756,
0.5400

■ 43.6388, 0.2673,
0.2222

Harmonies

Analogous

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



34.2231, 0.3346, 0.3518



34.2231, 0.3232, 0.3533



34.2231, 0.3092, 0.3480

Triad

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



34.2231, 0.3232, 0.3533



34.2231, 0.2860, 0.3131



34.2231, 0.3291, 0.3208

Complementary

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



34.2231, 0.3232, 0.3533



28.7832, 0.3016, 0.3041

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.



34.2231, 0.3158, 0.3111



34.2231, 0.3232, 0.3533



34.2231, 0.2911, 0.3065

Square

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



34.2231, 0.3232, 0.3533



34.2231, 0.2880, 0.3243



34.2231, 0.3019, 0.3058



34.2231, 0.3381, 0.3328

Rectangle

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



34.2231, 0.3232, 0.3533



34.2231, 0.3003, 0.3412



34.2231, 0.3019, 0.3058



34.2231, 0.3250, 0.3172

Sweetspot

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



34.2246, 0.3232, 0.3533



63.2923, 0.3159, 0.3363



30.6676, 0.3292, 0.3351



13.8515, 0.3167, 0.3381



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



34.2246, 0.3232, 0.3533



61.7702, 0.3255, 0.3589



33.4571, 0.3154, 0.3539



7.6356, 0.3224, 0.3514



22.6842, 0.3760, 0.5397



0.4242, 0.3944, 0.5250

Inverse Universe

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



28.7832, 0.3016, 0.3041



49.8881, 0.2989, 0.2983



29.5511, 0.3097, 0.3047



6.5125, 0.3025, 0.3062



2.3563, 0.1665, 0.0691



0.0604, 0.2060, 0.0908

Previews

White Background



This preview shows how the Yxy color 34.2231, 0.3232, 0.3533 looks on a white background.

Color Contrast Check

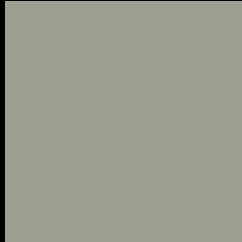
Large Text (above 18pt) WCAG AA × Fail

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 34.2231, 0.3232, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

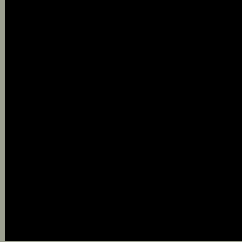
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2231, 0.3232, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 34.2231, 0.3232, 0.3533.



This preview shows how white text looks on a background with the Yxy color 34.2231, 0.3232, 0.3533.

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

34.2231, 0.3232, 0.3533

Protanopia

33.9896, 0.3327, 0.3498

Deuteranopia

33.9968, 0.3454, 0.3376



Tritanopia

34.1151, 0.3049, 0.3101

Trichromacy



Original Color

34.2231, 0.3232, 0.3533

Protanomaly

34.0140, 0.3295, 0.3515

Deuteranomaly

34.0331, 0.3373, 0.3436

Tritanomaly

34.0229, 0.3120, 0.3246

Monochromacy



Original Color

34.2231, 0.3232, 0.3533

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.8888, 0.3172, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2231, 0.3232, 0.3533 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(156, 160, 144)` looks like.

```
.text, #text, p{  
    color:rgb(156, 160, 144)  
}
```

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(156, 160, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 160, 144) }
```

Border

The CSS property to change the border of an element to Yxy 34.2231, 0.3232, 0.3533 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(156, 160, 144) }
```

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

```
.border{ border-color:rgb(156, 160, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 160, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 160, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 160, 144);  
box-shadow:4px 4px 4px 4px rgb(156, 160,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2231, 0.3232, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 160, 144) }
```

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

```
.background{ background-color: rgb(156,  
160, 144) }
```

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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