

Converting Colors

$Yxy(32.1951, 0.3399, 0.3463)$

Have a look what the booklet for
Yxy(32.1951, 0.3399, 0.3463)
contains.

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Color

Yxy(32.1337, 0.3389, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	A6978C
RGB	166, 151, 140
RGB Percent	65%, 59%, 55%
CMY	0.3492, 0.4078, 0.4510
CMYK	0.00, 0.09, 0.16, 0.35
HSL	25°, 13%, 60%
HSV	25°, 16%, 65%
XYZ	31.5199, 32.1337, 29.3528
YIQ	154.2310, 12.4710, -0.2410

Conversions

Conversions Part 2

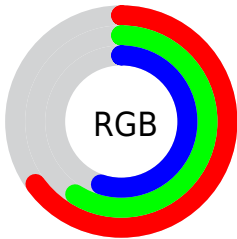
Format	Color
R _Y B	166, 159, 140
Decimal	10917772
CIE Lab	63.45, 3.62, 7.79
CIE LCh	63, 8.588, 65.096
Yxy	32.1337, 0.3389, 0.3455
Android (android.graphics.Color)	4289107852 (0xFFA6978C)
YUV	154.2310, -7.0159, 10.3214
Hunter-Lab	56.6866, 0.0511, 8.9797

Details

The Yxy color **32.1337, 0.3389, 0.3455** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7517, 0.2889, 0.3119**, and the grayscale version is **32.4478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9298, 0.3331, 0.3415**, and **13.4299, 0.3480, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **28.7299, 0.3590, 0.3567**, and if you desaturate by 10%, it is **35.8634, 0.3215, 0.3348**.

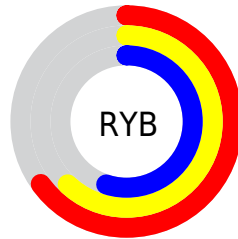
Distribution



Red (65%)

Green (59%)

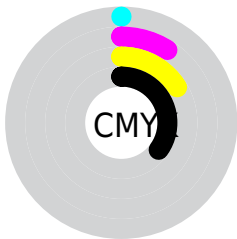
Blue (55%)



Red (65%)

Yellow (62%)

Blue (55%)

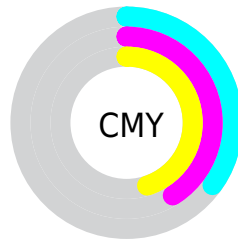


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (35%)



Cyan (35%)


Magenta (41%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1337, 0.3389, 0.3455 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 32.1337, 0.3389, 0.3455 by changing the saturation by 10% instead.


 32.1337, 0.3389,
0.3455


 32.1337, 0.3389,
0.3455


311.7278, 0.3249,
0.3368


 21.4636, 0.3427,
0.3478


 63.0206, 0.3336,
0.3423

 13.4633, 0.3478,
0.3508


 84.0063, 0.3317,
0.3411

 7.7484, 0.3549,
0.3550


 109.1993, 0.3301,
0.3401

 3.9344, 0.3657,
0.3612

138.9840, 0.3287,
0.3392

 1.6369, 0.3837,
0.3711

173.7448, 0.3276,
0.3385

 0.3823, 0.5416,
0.4584

213.8661, 0.3266,

 0.0000, 0.0000,

0.3379

0.0000

259.7323, 0.3257,
0.3373

■ 32.1337, 0.3389,
0.3455

■ 32.1337, 0.3389,
0.3455

■ 28.7299, 0.3590,
0.3567

■ 35.8634, 0.3215,
0.3348

■ 25.6387, 0.3820,
0.3681

■ 39.9235, 0.3064,
0.3247

■ 22.8516, 0.4078,
0.3792

■ 44.3238, 0.2935,
0.3154

■ 20.3586, 0.4362,
0.3891

■ 49.0724, 0.2823,
0.3068

■ 18.1488, 0.4664,
0.3968

■ 54.1771, 0.2726,
0.2989

■ 16.2105, 0.4970,
0.4011

■ 59.6455, 0.2642,
0.2917

■ 14.5310, 0.5259,
0.4009

■ 65.4089, 0.2575,
0.2864

■ 13.0954, 0.5510,
0.3955

■ 70.5042, 0.2591,
0.2977

■ 12.5365, 0.5614,
0.3924

■ 75.8896, 0.2606,
0.3087

Harmonies

Analogous

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



32.1337, 0.3384, 0.3350



32.1337, 0.3389, 0.3455



32.1337, 0.3323, 0.3519

Triad

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



32.1337, 0.3389, 0.3455



32.1337, 0.2948, 0.3347



32.1337, 0.3046, 0.3070

Complementary

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



32.1337, 0.3389, 0.3455



31.7517, 0.2889, 0.3119

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.



32.1337, 0.2933, 0.3065



32.1337, 0.3389, 0.3455



32.1337, 0.2877, 0.3222

Square

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



32.1337, 0.3389, 0.3455



32.1337, 0.3067, 0.3458



32.1337, 0.2872, 0.3119



32.1337, 0.3183, 0.3131

Rectangle

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



32.1337, 0.3389, 0.3455



32.1337, 0.3248, 0.3528



32.1337, 0.2872, 0.3119



32.1337, 0.3004, 0.3062

Sweetspot

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



32.1351, 0.3389, 0.3455



65.5116, 0.3206, 0.3342



29.2311, 0.3254, 0.3066



14.5531, 0.3217, 0.3349



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.



32.1351, 0.3389, 0.3455



55.9902, 0.3460, 0.3496



36.4743, 0.3361, 0.3639



8.0461, 0.3276, 0.3386



9.8154, 0.5599, 0.3937



0.3409, 0.5029, 0.4389

Inverse Universe

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



31.7517, 0.2889, 0.3119



55.1495, 0.2831, 0.3074



27.7229, 0.2881, 0.2916



7.9906, 0.2987, 0.3192



8.6536, 0.1851, 0.1863



0.3087, 0.1996, 0.2386

Previews

White Background



This preview shows how the Yxy color 32.1337, 0.3389, 0.3455 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 32.1337, 0.3389, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

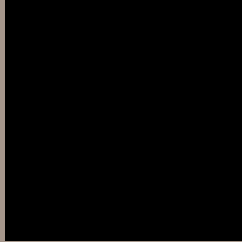
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

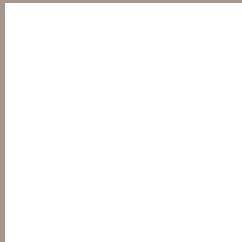
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.1337, 0.3389, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 32.1337, 0.3389, 0.3455.



This preview shows how white text looks on a background with the Yxy color 32.1337, 0.3389, 0.3455.

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

32.1337, 0.3389, 0.3455

Protanopia

32.0765, 0.3302, 0.3473

Deuteranopia

31.9871, 0.3461, 0.3393



Tritanopia

32.1529, 0.3228, 0.3117

Trichromacy



Original Color

32.1337, 0.3389, 0.3455

Protanomaly

32.0609, 0.3335, 0.3457

Deuteranomaly

31.9640, 0.3427, 0.3409

Tritanomaly

32.1196, 0.3285, 0.3232

Monochromacy



Original Color

32.1337, 0.3389, 0.3455

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.2215, 0.3215, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1337, 0.3389, 0.3455 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(166, 151, 140)` looks like.

```
.text, #text, p{  
    color:rgb(166, 151, 140)  
}
```

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(166, 151, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 151, 140) }
```

Border

The CSS property to change the border of an element to Yxy 32.1337, 0.3389, 0.3455 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(166, 151, 140) }
```

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

```
.border{ border-color:rgb(166, 151, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 151, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 151, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 151, 140);  
box-shadow:4px 4px 4px 4px rgb(166, 151,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1337, 0.3389, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 151, 140) }
```

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

```
.background{ background-color: rgb(166,  
151, 140) }
```

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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