

Converting Colors

$Yxy(32.2382, 0.3086, 0.3562)$

Have a look what the booklet for
Yxy(32.2382, 0.3086, 0.3562)
contains.

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Color

Yxy(32.2382, 0.3086, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	8B9F8E
RGB	139, 159, 142
RGB Percent	55%, 62%, 56%
CMY	0.4548, 0.3765, 0.4432
CMYK	0.13, 0.00, 0.11, 0.38
HSL	129°, 9%, 58%
HSV	129°, 13%, 62%
XYZ	27.9301, 32.2382, 30.3376
YIQ	151.0820, -6.4630, -9.5270

Conversions

Conversions Part 2

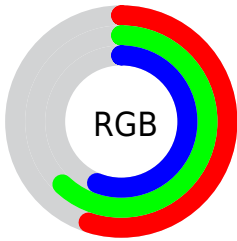
Format	Color
RYB	139, 156, 159
Decimal	9150350
CIELab	63.54, -10.43, 6.51
CIELCh	64, 12.291, 148.025
Yxy	32.2382, 0.3086, 0.3562
Android (android.graphics.Color)	4287340430 (0xFF8B9F8E)
YUV	151.0820, -4.4774, -10.5959
Hunter-Lab	56.7787, -11.5564, 8.0657

Details

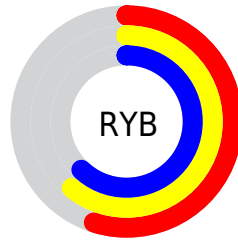
The Yxy color **32.2382, 0.3086, 0.3562** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2440, 0.3171, 0.3032**, and the grayscale version is **31.0078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4161, 0.3095, 0.3505**, and **13.6217, 0.3069, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **30.5864, 0.3053, 0.3810**, and if you desaturate by 10%, it is **34.1412, 0.3119, 0.3342**.

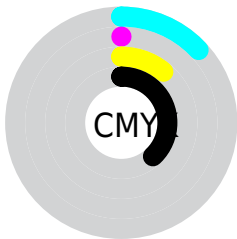
Distribution



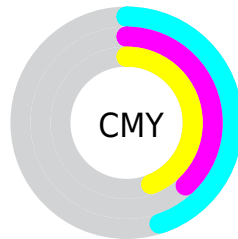
- Red (55%)
- Green (62%)
- Blue (56%)



- Red (55%)
- Yellow (61%)
- Blue (62%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)




- Cyan (45%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2382, 0.3086, 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 32.2382, 0.3086, 0.3562 by changing the saturation by 10% instead.


 32.2382, 0.3086,
0.3562


 32.2382, 0.3086,
0.3562


312.2029, 0.3109,
0.3415

 21.5435, 0.3079,
0.3603


 63.1843, 0.3095,
0.3506

 13.5219, 0.3070,
0.3658


 84.2045, 0.3098,
0.3486

 7.7889, 0.3056,
0.3736


 109.4354, 0.3101,
0.3469

 3.9602, 0.3034,
0.3858

139.2613, 0.3103,
0.3455

 1.6513, 0.2993,
0.4068

174.0666, 0.3105,
0.3443

 0.3918, 0.2313,
0.7687

214.2357, 0.3107,

 0.0000, 0.0000,

0.3432

0.0000

260.1530, 0.3108,
0.3423

■ 32.2382, 0.3086,
0.3562

■ 32.2382, 0.3086,
0.3562

■ 30.5864, 0.3053,
0.3810

■ 34.1412, 0.3119,
0.3342

■ 29.1714, 0.3021,
0.4084

■ 36.3010, 0.3151,
0.3149

■ 27.9836, 0.2991,
0.4379


■ 38.7281, 0.3181,
0.2981

■ 27.0109, 0.2966,
0.4689


■ 41.4314, 0.3209,
0.2834


■ 26.2403, 0.2948,
0.4998

■ 44.4191, 0.3235,
0.2708

 25.6575, 0.2940,
0.5291

 47.6992, 0.3259,
0.2599


 25.2460, 0.2941,
0.5547

 51.2795, 0.3281,
0.2504

 24.9865, 0.2953,
0.5750

 52.9763, 0.3209,
0.2396

 24.8603, 0.2962,
0.5863

 53.2759, 0.3171,
0.2357

Harmonies

Analogous

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



32.2382, 0.3280, 0.3632



32.2382, 0.3086, 0.3562



32.2382, 0.2907, 0.3412

Triad

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



32.2382, 0.3086, 0.3562



32.2382, 0.2822, 0.2980



32.2382, 0.3478, 0.3333

Complementary

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



32.2382, 0.3086, 0.3562



28.2440, 0.3171, 0.3032

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.



32.2382, 0.3348, 0.3169



32.2382, 0.3086, 0.3562



32.2382, 0.2967, 0.2970

Square

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



32.2382, 0.3086, 0.3562



32.2382, 0.2758, 0.3073



32.2382, 0.3159, 0.3038



32.2382, 0.3511, 0.3491

Rectangle

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



32.2382, 0.3086, 0.3562



32.2382, 0.2819, 0.3291



32.2382, 0.3159, 0.3038



32.2382, 0.3444, 0.3277

Sweetspot

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



32.2396, 0.3086, 0.3562



60.6004, 0.3114, 0.3374



33.7621, 0.3283, 0.3595



13.6046, 0.3112, 0.3389



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.



32.2396, 0.3086, 0.3562



56.8899, 0.3077, 0.3627



32.5432, 0.3002, 0.3405



7.4163, 0.3097, 0.3486



19.6399, 0.2959, 0.5853



0.3552, 0.2813, 0.5328

Inverse Universe

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



28.2440, 0.3171, 0.3032



48.3437, 0.3182, 0.2975



27.9288, 0.3271, 0.3178



6.7376, 0.3159, 0.3102



7.2166, 0.3615, 0.1765



0.1332, 0.3431, 0.1663

Previews

White Background



This preview shows how the Yxy color 32.2382, 0.3086, 0.3562 looks on a white background.

Color Contrast Check

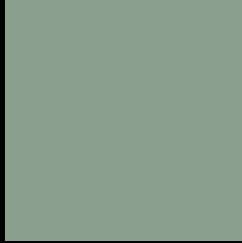
Large Text (above 18pt) WCAG AA × Fail

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 32.2382, 0.3086, 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 32.2382, 0.3086, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 32.2382, 0.3086, 0.3562.



This preview shows how white text looks on a background with the Yxy color 32.2382, 0.3086, 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

32.2382, 0.3086, 0.3562

Protanopia

32.1201, 0.3332, 0.3503

Deuteranopia

31.9641, 0.3420, 0.3349



Tritanopia

32.1095, 0.2899, 0.3091

Trichromacy



Original Color

32.2382, 0.3086, 0.3562

Protanomaly

32.0115, 0.3236, 0.3523

Deuteranomaly

31.9132, 0.3295, 0.3427

Tritanomaly

32.0309, 0.2967, 0.3243

Monochromacy



Original Color

32.2382, 0.3086, 0.3562

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.4524, 0.3113, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2382, 0.3086, 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(139, 159, 142)` looks like.

```
.text, #text, p{  
    color:rgb(139, 159, 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(139, 159, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 159, 142) }
```

Border

The CSS property to change the border of an element to Yxy 32.2382, 0.3086, 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(139, 159, 142) }
```

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

```
.border{ border-color:rgb(139, 159, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 159, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 159, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 159, 142);  
box-shadow:4px 4px 4px 4px rgb(139, 159,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2382, 0.3086, 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(139, 159, 142) }
```

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

```
.background{ background-color: rgb(139,  
159, 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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