

Converting Colors

$Yxy(32.0418, 0.3206, 0.3385)$

Have a look what the booklet for
Yxy(32.0418, 0.3206, 0.3385)
contains.

Yxy(31.8576, 0.3203, 0.3382)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.8576, 0.3203, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	9B9993
RGB	155, 153, 147
RGB Percent	61%, 60%, 58%
CMY	0.3923, 0.4000, 0.4235
CMYK	0.00, 0.01, 0.05, 0.39
HSL	45°, 4%, 59%
HSV	45°, 5%, 61%
XYZ	30.1715, 31.8576, 32.1685
YIQ	152.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

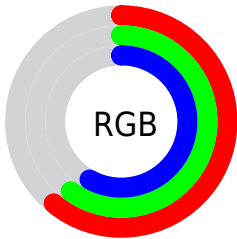
Format	Color
RYB	150, 155, 147
Decimal	10197395
CIELab	63.23, -0.41, 3.39
CIElCh	63, 3.414, 96.852
Yxy	31.8576, 0.3203, 0.3382
Android (android.graphics.Color)	4288387475 (0xFF9B9993)
YUV	152.9140, -2.9156, 1.8294
Hunter-Lab	56.4425, -3.3569, 5.7185

Details

The Yxy color **31.8576, 0.3203, 0.3382** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0556, 0.3051, 0.3196**, and the grayscale version is **31.8269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3980, 0.3185, 0.3360**, and **13.2903, 0.3238, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **30.1769, 0.3360, 0.3568**, and if you desaturate by 10%, it is **33.6464, 0.3058, 0.3205**.

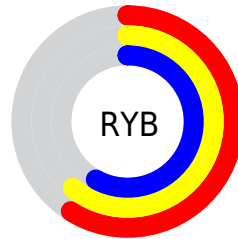
Distribution



Red (61%)

Green (60%)

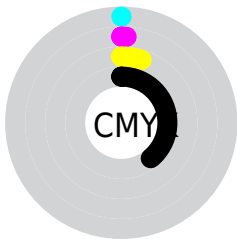
Blue (58%)



Red (59%)

Yellow (61%)

Blue (58%)

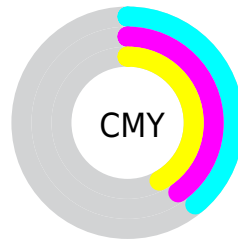


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (39%)



Cyan (39%)

Magenta (40%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.8576, 0.3203, 0.3382 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 31.8576, 0.3203, 0.3382 by changing the saturation by 10% instead.

■ 31.8576, 0.3203,
0.3382

■ 31.8576, 0.3203,
0.3382

310.4701, 0.3163,
0.3333

■ 21.2528, 0.3214,
0.3395

■ 62.5878, 0.3188,
0.3363

■ 13.3089, 0.3229,
0.3413

■ 83.4819, 0.3182,
0.3357

■ 7.6416, 0.3249,
0.3438

108.5746, 0.3178,
0.3351

■ 3.8665, 0.3280,
0.3476

138.2502, 0.3174,
0.3346

■ 1.5992, 0.3332,
0.3540

172.8932, 0.3170,
0.3342

■ 0.3570, 0.3930,
0.4260

212.8879, 0.3167,

■ 0.0000, 0.0000,

0.3339

0.0000

258.6187, 0.3165,
0.3336

■ 31.8576, 0.3203,
0.3382

■ 31.8576, 0.3203,
0.3382

■ 30.1769, 0.3360,
0.3568

■ 33.6464, 0.3058,
0.3205

■ 28.5973, 0.3529,
0.3759

■ 35.5421, 0.2927,
0.3039

■ 27.1169, 0.3707,
0.3950

■ 37.5487, 0.2808,
0.2885

■ 25.7325, 0.3890,
0.4135

■ 39.6687, 0.2701,
0.2742

■ 24.4404, 0.4072,
0.4305

■ 41.9047, 0.2605,
0.2611

■ 23.2366, 0.4247,
0.4449

■ 44.2590, 0.2519,
0.2492

■ 22.1168, 0.4406,
0.4559

■ 46.7021, 0.2444,
0.2387

■ 21.0760, 0.4542,
0.4626

■ 48.2585, 0.2452,
0.2435

■ 20.1079, 0.4650,
0.4648

■ 49.8576, 0.2459,
0.2482

Harmonies

Analogous

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



31.8576, 0.3230, 0.3359



31.8576, 0.3203, 0.3382



31.8576, 0.3155, 0.3380

Triad

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



31.8576, 0.3203, 0.3382



31.8576, 0.3026, 0.3261



31.8576, 0.3153, 0.3228

Complementary

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



31.8576, 0.3203, 0.3382



30.0556, 0.3051, 0.3196

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.



31.8576, 0.3098, 0.3202



31.8576, 0.3203, 0.3382



31.8576, 0.3025, 0.3221

Square

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



31.8576, 0.3203, 0.3382



31.8576, 0.3053, 0.3310



31.8576, 0.3052, 0.3199



31.8576, 0.3201, 0.3270

Rectangle

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



31.8576, 0.3203, 0.3382



31.8576, 0.3119, 0.3365



31.8576, 0.3052, 0.3199



31.8576, 0.3135, 0.3217

Sweetspot

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



31.8590, 0.3203, 0.3382



58.0521, 0.3157, 0.3326



30.0076, 0.3191, 0.3260



13.1485, 0.3155, 0.3324



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



31.8590, 0.3203, 0.3382



56.7768, 0.3218, 0.3400



32.3095, 0.3181, 0.3412



7.0709, 0.3223, 0.3406



15.8561, 0.4694, 0.4655



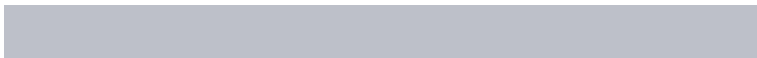
0.2924, 0.4434, 0.4861

Inverse Universe

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



30.0556, 0.3051, 0.3196



52.9503, 0.3036, 0.3178



29.6275, 0.3072, 0.3166



6.5685, 0.3031, 0.3171



3.0730, 0.1587, 0.0914



0.0965, 0.1790, 0.1644

Previews

White Background



This preview shows how the Yxy color 31.8576, 0.3203, 0.3382 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 31.8576, 0.3203, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

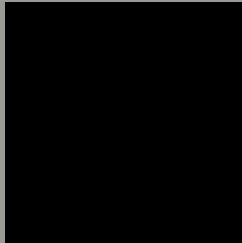
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

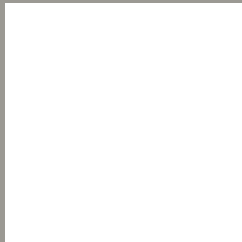
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.8576, 0.3203, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 31.8576, 0.3203, 0.3382.



This preview shows how white text looks on a background with the Yxy color 31.8576, 0.3203, 0.3382.

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

31.8576, 0.3203, 0.3382

Protanopia

31.7312, 0.3225, 0.3366

Deuteranopia

31.8640, 0.3358, 0.3291



Tritanopia

31.9457, 0.3076, 0.3111

Trichromacy



Original Color

31.8576, 0.3203, 0.3382

Protanomaly

31.6310, 0.3215, 0.3367

Deuteranomaly

31.9501, 0.3301, 0.3320

Tritanomaly

31.9587, 0.3121, 0.3215

Monochromacy



Original Color

31.8576, 0.3203, 0.3382

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.8869, 0.3156, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8576, 0.3203, 0.3382 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(155, 153, 147)` looks like.

```
.text, #text, p{  
    color:rgb(155, 153, 147)  
}
```

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(155, 153, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 153, 147) }
```

Border

The CSS property to change the border of an element to Yxy 31.8576, 0.3203, 0.3382 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(155, 153, 147) }
```

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

```
.border{ border-color:rgb(155, 153, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 153, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 153, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 153, 147); box-shadow:4px 4px 4px 4px rgb(155, 153, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8576, 0.3203, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 153, 147) }
```

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

```
.background{ background-color: rgb(155,  
153, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor