

Converting Colors

$Yxy(44.1261, 0.3194, 0.3357)$

Have a look what the booklet for
Yxy(44.1261, 0.3194, 0.3357)
contains.

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Color

Yxy(44.1261, 0.3194, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	B4B1AC
RGB	180, 177, 172
RGB Percent	71%, 69%, 67%
CMY	0.2943, 0.3058, 0.3255
CMYK	0.00, 0.02, 0.04, 0.29
HSL	38°, 5%, 69%
HSV	38°, 4%, 71%
XYZ	41.9835, 44.1261, 45.3354
YIQ	177.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

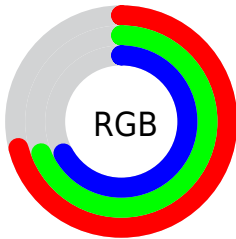
Format	Color
RYB	177, 180, 172
Decimal	11841964
CIELab	72.31, 0.13, 2.92
CIELCh	72, 2.922, 87.448
Yxy	44.1261, 0.3194, 0.3357
Android (android.graphics.Color)	4290032044 (0xFFB4B1AC)
YUV	177.3270, -2.6262, 2.3442
Hunter-Lab	66.4275, -3.4324, 6.0350

Details

The Yxy color $44.1261, 0.3194, 0.3357$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $42.7027, 0.3061, 0.3222$, and the grayscale version is $44.1581, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.6567, 0.3185, 0.3352$, and $20.2834, 0.3209, 0.3364$ is the 20% darker color. If you saturate the color by 10%, you get $40.9182, 0.3358, 0.3515$, and if you desaturate by 10%, it is $47.5596, 0.3047, 0.3208$.

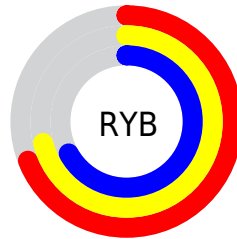
Distribution



Red (71%)

Green (69%)

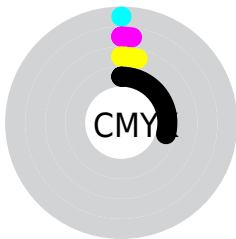
Blue (67%)



Red (69%)

Yellow (71%)

Blue (67%)

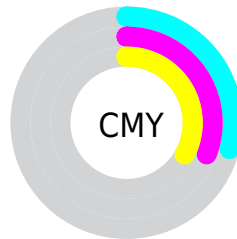


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1261, 0.3194, 0.3357 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 44.1261, 0.3194, 0.3357 by changing the saturation by 10% instead.

■ 44.1261, 0.3194,
0.3357

■ 44.1261, 0.3194,
0.3357

363.2226, 0.3160,
0.3323

■ 30.7697, 0.3203,
0.3366

■ 81.4075, 0.3182,
0.3345

■ 20.4235, 0.3214,
0.3377

106.1012, 0.3177,
0.3340

■ 12.7033, 0.3228,
0.3391

135.3427, 0.3173,
0.3336

■ 7.2245, 0.3249,
0.3412

169.5166, 0.3170,
0.3333

■ 3.6029, 0.3281,
0.3444

209.0071, 0.3167,
0.3330

■ 1.4540, 0.3336,
0.3498

254.1987, 0.3164,

■ 0.2560, 0.4271,

0.3327

0.4435

305.4757, 0.3162,
0.3325

0.0000, 0.0000,
0.0000

44.1261, 0.3194,
0.3357

44.1261, 0.3194,
0.3357

40.9182, 0.3358,
0.3515

47.5596, 0.3047,
0.3208

37.9245, 0.3538,
0.3678

51.2183, 0.2917,
0.3069

35.1413, 0.3736,
0.3844

55.1091, 0.2801,
0.2940

32.5623, 0.3946,
0.4005

59.2369, 0.2699,
0.2822

30.1808, 0.4166,
0.4153

63.1484, 0.2645,
0.2785

■ 27.9900, 0.4386,
0.4278

■ 66.5075, 0.2654,
0.2862

■ 25.9818, 0.4597,
0.4367

■ 70.0047, 0.2662,
0.2939

■ 24.1478, 0.4788,
0.4412

■ 73.6418, 0.2670,
0.3015

■ 22.4776, 0.4948,
0.4406

■ 77.4202, 0.2679,
0.3090

Harmonies

Analogous

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



44.1261, 0.3209, 0.3334



44.1261, 0.3194, 0.3357



44.1261, 0.3162, 0.3362

Triad

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



44.1261, 0.3194, 0.3357



44.1261, 0.3054, 0.3280



44.1261, 0.3134, 0.3234

Complementary

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



44.1261, 0.3194, 0.3357



42.7027, 0.3061, 0.3222

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.



44.1261, 0.3093, 0.3220



44.1261, 0.3194, 0.3357



44.1261, 0.3047, 0.3245

Square

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



44.1261, 0.3194, 0.3357



44.1261, 0.3081, 0.3317



44.1261, 0.3061, 0.3224



44.1261, 0.3174, 0.3264

Rectangle

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



44.1261, 0.3194, 0.3357



44.1261, 0.3134, 0.3354



44.1261, 0.3061, 0.3224



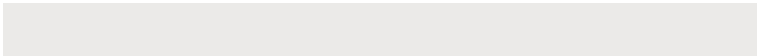
44.1261, 0.3120, 0.3227

Sweetspot

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



44.1280, 0.3194, 0.3357



82.1284, 0.3142, 0.3305



42.3019, 0.3173, 0.3249



17.7581, 0.3141, 0.3304



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



44.1280, 0.3194, 0.3357



79.6556, 0.3204, 0.3367



45.1912, 0.3183, 0.3396



9.6350, 0.3212, 0.3375



15.2194, 0.5017, 0.4398



0.5859, 0.4733, 0.4624

Inverse Universe

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



42.7027, 0.3061, 0.3222



76.6933, 0.3051, 0.3212



41.6765, 0.3070, 0.3182



9.2410, 0.3043, 0.3203



5.1824, 0.1667, 0.1202



0.2770, 0.1831, 0.1790

Previews

White Background



This preview shows how the Yxy color 44.1261, 0.3194, 0.3357 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 44.1261, 0.3194, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

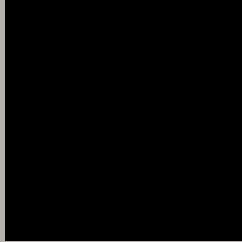
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

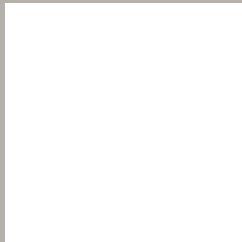
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1261, 0.3194, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 44.1261, 0.3194, 0.3357.

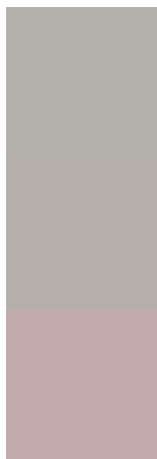


This preview shows how white text looks on a background with the Yxy color 44.1261, 0.3194, 0.3357.

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

44.1261, 0.3194, 0.3357

Protanopia

43.9743, 0.3213, 0.3343

Deuteranopia

43.8787, 0.3339, 0.3265



Tritanopia

44.2359, 0.3083, 0.3121

Trichromacy



Original Color

44.1261, 0.3194, 0.3357

Protanomaly

43.8530, 0.3204, 0.3343

Deuteranomaly

43.8514, 0.3281, 0.3290

Tritanomaly

44.2518, 0.3122, 0.3211

Monochromacy



Original Color

44.1261, 0.3194, 0.3357

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0044, 0.3152, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1261, 0.3194, 0.3357 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(180, 177, 172)` looks like.

```
.text, #text, p{  
    color:rgb(180, 177, 172)  
}
```

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(180, 177, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 177, 172) }
```

Border

The CSS property to change the border of an element to Yxy 44.1261, 0.3194, 0.3357 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(180, 177, 172) }
```

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

```
.border{ border-color:rgb(180, 177, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 177, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 177, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 177, 172);  
box-shadow:4px 4px 4px 4px rgb(180, 177,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1261, 0.3194, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 177, 172) }
```

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

```
.background{ background-color: rgb(180,  
177, 172) }
```

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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