

Converting Colors

Yxy(44.0617, 0.3222, 0.3394)

Have a look what the booklet for
Yxy(44.0617, 0.3222, 0.3394)
contains.

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Color

Yxy(44.0122, 0.3219, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	B4B1A9
RGB	180, 177, 169
RGB Percent	71%, 69%, 66%
CMY	0.2942, 0.3059, 0.3372
CMYK	0.00, 0.02, 0.06, 0.29
HSL	44°, 7%, 68%
HSV	44°, 6%, 71%
XYZ	41.7060, 44.0122, 43.8438
YIQ	176.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

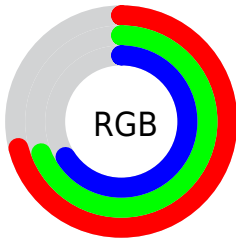
Format	Color
RYB	173, 180, 169
Decimal	11841961
CIELab	72.24, -0.38, 4.44
CIELCh	72, 4.460, 94.927
Yxy	44.0122, 0.3219, 0.3397
Android (android.graphics.Color)	4290032041 (0xFFB4B1A9)
YUV	176.9850, -3.9366, 2.6442
Hunter-Lab	66.3417, -3.8831, 7.2557

Details

The Yxy color **44.0122, 0.3219, 0.3397** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2410, 0.3036, 0.3181**, and the grayscale version is **43.9785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4925, 0.3205, 0.3383**, and **20.2117, 0.3244, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **41.4824, 0.3381, 0.3579**, and if you desaturate by 10%, it is **46.7084, 0.3071, 0.3223**.

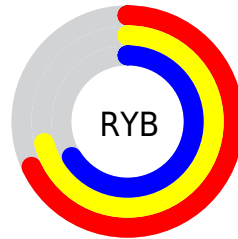
Distribution



Red (71%)

Green (69%)

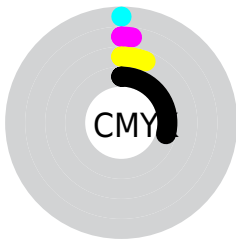
Blue (66%)



Red (68%)

Yellow (71%)

Blue (66%)

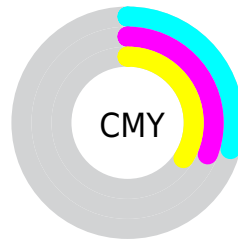


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0122, 0.3219, 0.3397 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 44.0122, 0.3219, 0.3397 by changing the saturation by 10% instead.

■ 44.0122, 0.3219,
0.3397

■ 44.0122, 0.3219,
0.3397

362.7581, 0.3173,
0.3343

■ 30.6801, 0.3231,
0.3411

■ 81.2361, 0.3202,
0.3377

■ 20.3554, 0.3246,
0.3428

105.8967, 0.3196,
0.3370

■ 12.6536, 0.3266,
0.3452

135.1022, 0.3190,
0.3364

■ 7.1905, 0.3295,
0.3486

169.2371, 0.3186,
0.3358

■ 3.5815, 0.3339,
0.3537

208.6858, 0.3182,
0.3354

■ 1.4423, 0.3413,
0.3625

253.8325, 0.3178,

■ 0.2476, 0.4772,

0.3350

0.5228

305.0618, 0.3175,
0.3346

0.0000, 0.0000,
0.0000

44.0122, 0.3219,
0.3397

44.0122, 0.3219,
0.3397

41.4824, 0.3381,
0.3579

46.7084, 0.3071,
0.3223

39.1089, 0.3555,
0.3767

49.5695, 0.2937,
0.3060

36.8886, 0.3740,
0.3954

52.6016, 0.2816,
0.2909

34.8167, 0.3931,
0.4134

55.8085, 0.2708,
0.2769

32.8874, 0.4122,
0.4298

58.9325, 0.2634,
0.2682

■ 31.0950, 0.4306,
0.4435

■ 61.2615, 0.2640,
0.2740

■ 29.4327, 0.4473,
0.4535

■ 63.6640, 0.2646,
0.2797

■ 27.8929, 0.4616,
0.4589

■ 66.1409, 0.2653,
0.2854

■ 26.4659, 0.4730,
0.4597

■ 68.6927, 0.2659,
0.2911

Harmonies

Analogous

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



44.0122, 0.3249, 0.3368



44.0122, 0.3219, 0.3397



44.0122, 0.3164, 0.3397

Triad

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



44.0122, 0.3219, 0.3397



44.0122, 0.3010, 0.3260



44.0122, 0.3154, 0.3214

Complementary

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



44.0122, 0.3219, 0.3397



41.2410, 0.3036, 0.3181

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.



44.0122, 0.3089, 0.3186



44.0122, 0.3219, 0.3397



44.0122, 0.3007, 0.3211

Square

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



44.0122, 0.3219, 0.3397



44.0122, 0.3044, 0.3317



44.0122, 0.3036, 0.3184



44.0122, 0.3211, 0.3263

Rectangle

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



44.0122, 0.3219, 0.3397



44.0122, 0.3121, 0.3381



44.0122, 0.3036, 0.3184



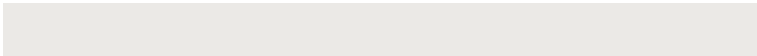
44.0122, 0.3132, 0.3202

Sweetspot

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



44.0141, 0.3219, 0.3397



81.7628, 0.3157, 0.3325



41.0703, 0.3201, 0.3248



17.6833, 0.3156, 0.3323



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.



44.0141, 0.3219, 0.3397



79.3309, 0.3235, 0.3415



44.9241, 0.3195, 0.3437



9.6132, 0.3240, 0.3421



18.2166, 0.4763, 0.4600



0.6640, 0.4572, 0.4752

Inverse Universe

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



41.2410, 0.3036, 0.3181



73.4959, 0.3020, 0.3161



40.3822, 0.3057, 0.3140



8.8733, 0.3014, 0.3155



3.9315, 0.1600, 0.0958



0.2231, 0.1759, 0.1531

Previews

White Background



This preview shows how the Yxy color 44.0122, 0.3219, 0.3397 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 44.0122, 0.3219, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

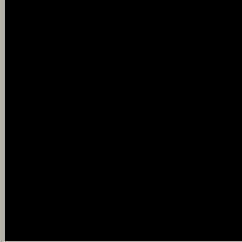
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

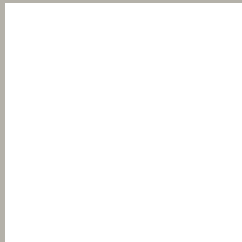
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0122, 0.3219, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 44.0122, 0.3219, 0.3397.

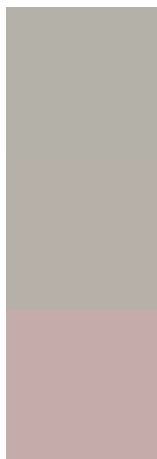


This preview shows how white text looks on a background with the Yxy color 44.0122, 0.3219, 0.3397.

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

44.0122, 0.3219, 0.3397

Protanopia

43.8603, 0.3238, 0.3384

Deuteranopia

43.8984, 0.3375, 0.3304



Tritanopia

43.9702, 0.3092, 0.3108

Trichromacy



Original Color

44.0122, 0.3219, 0.3397

Protanomaly

43.7390, 0.3229, 0.3384

Deuteranomaly

43.8658, 0.3316, 0.3330

Tritanomaly

43.9412, 0.3140, 0.3211

Monochromacy



Original Color

44.0122, 0.3219, 0.3397

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.9653, 0.3160, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0122, 0.3219, 0.3397 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(180, 177, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 177, 169) }
```

Border

The CSS property to change the border of an element to Yxy 44.0122, 0.3219, 0.3397 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, 169) }
```

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

```
.border{ border-color:rgb(180, 177, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 177, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 177, 169);  
box-shadow:4px 4px 4px 4px rgb(180, 177,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0122, 0.3219, 0.3397 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, 169) }
```

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

```
.background{ background-color: rgb(180,  
177, 169) }
```

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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