

Converting Colors

$Yxy(44.2869, 0.3276, 0.3491)$

Have a look what the booklet for
Yxy(44.2869, 0.3276, 0.3491)
contains.

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Color

Yxy(44.3089, 0.3277, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	B5B2A3
RGB	181, 178, 163
RGB Percent	71%, 70%, 64%
CMY	0.2901, 0.3020, 0.3607
CMYK	0.00, 0.02, 0.10, 0.29
HSL	50°, 11%, 67%
HSV	50°, 10%, 71%
XYZ	41.5927, 44.3089, 41.0216
YIQ	177.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

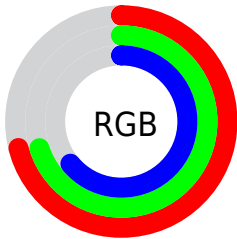
Format	Color
RYB	167, 181, 163
Decimal	11907747
CIELab	72.43, -1.58, 8.02
CIElCh	72, 8.178, 101.139
Yxy	44.3089, 0.3277, 0.3491
Android (android.graphics.Color)	4290097827 (0xFFB5B2A3)
YUV	177.1870, -6.9942, 3.3440
Hunter-Lab	66.5649, -4.9539, 10.0571

Details

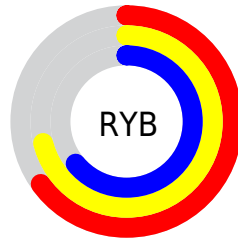
The Yxy color $44.3089, 0.3277, 0.3491$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $38.4173, 0.2975, 0.3081$, and the grayscale version is $44.1078, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9121, 0.3249, 0.3456$, and $20.4041, 0.3324, 0.3550$ is the 20% darker color. If you saturate the color by 10%, you get $42.5096, 0.3437, 0.3700$, and if you desaturate by 10%, it is $46.2319, 0.3126, 0.3289$.

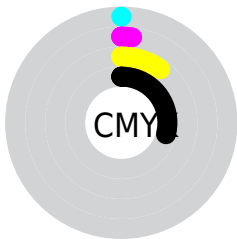
Distribution



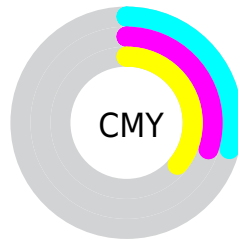
- Red (71%)
- Green (70%)
- Blue (64%)



- Red (65%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (29%)





- Cyan (29%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3089, 0.3277, 0.3491 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 44.3089, 0.3277, 0.3491 by changing the saturation by 10% instead.


 44.3089, 0.3277,
0.3491

 44.3089, 0.3277,
0.3491


363.9673, 0.3202,
0.3389

 30.9134, 0.3296,
0.3517


 81.6824, 0.3249,
0.3454

 20.5329, 0.3320,
0.3550


 106.4291, 0.3239,
0.3440

 12.7830, 0.3353,
0.3595


135.7285, 0.3231,
0.3428

 7.2793, 0.3399,
0.3659

169.9648, 0.3223,
0.3418

 3.6374, 0.3468,
0.3755

209.5224, 0.3217,
0.3409

 1.4729, 0.3584,
0.3920

254.7858, 0.3211,

 0.2695, 0.4467,

0.3402

0.5533

306.1393, 0.3206,
0.3395

0.0000, 0.0000,
0.0000

44.3089, 0.3277,
0.3491

44.3089, 0.3277,
0.3491

42.5096, 0.3437,
0.3700

46.2319, 0.3126,
0.3289

40.8240, 0.3605,
0.3912

48.2766, 0.2987,
0.3097

39.2497, 0.3775,
0.4119

50.4485, 0.2859,
0.2918

37.7820, 0.3942,
0.4313

52.7513, 0.2743,
0.2752

36.4158, 0.4101,
0.4484

55.1882, 0.2638,
0.2600

■ 35.1452, 0.4243,
0.4623

■ 56.6439, 0.2634,
0.2621

■ 33.9639, 0.4363,
0.4721

■ 58.0336, 0.2637,
0.2657

■ 32.8644, 0.4455,
0.4774

■ 59.4514, 0.2641,
0.2693

■ 31.8310, 0.4524,
0.4790

■ 60.8973, 0.2645,
0.2729

Harmonies

Analogous

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



44.3089, 0.3344, 0.3446



44.3089, 0.3277, 0.3491



44.3089, 0.3170, 0.3481

Triad

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



44.3089, 0.3277, 0.3491



44.3089, 0.2907, 0.3212



44.3089, 0.3199, 0.3169

Complementary

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



44.3089, 0.3277, 0.3491



38.4173, 0.2975, 0.3081

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.



44.3089, 0.3081, 0.3108



44.3089, 0.3277, 0.3491



44.3089, 0.2914, 0.3131

Square

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



44.3089, 0.3277, 0.3491



44.3089, 0.2958, 0.3317



44.3089, 0.2977, 0.3094



44.3089, 0.3299, 0.3260

Rectangle

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



44.3089, 0.3277, 0.3491



44.3089, 0.3092, 0.3443



44.3089, 0.2977, 0.3094



44.3089, 0.3160, 0.3144

Sweetspot

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



44.3108, 0.3277, 0.3491



81.6852, 0.3172, 0.3351



38.7947, 0.3269, 0.3246



17.5951, 0.3184, 0.3367



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.



44.3108, 0.3277, 0.3491



78.5912, 0.3312, 0.3538



44.8535, 0.3222, 0.3534



9.6586, 0.3267, 0.3478



22.0212, 0.4519, 0.4794



0.7572, 0.4414, 0.4877

Inverse Universe

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



38.4173, 0.2975, 0.3081



65.8401, 0.2938, 0.3029



37.9448, 0.3026, 0.3042



8.4535, 0.2985, 0.3095



3.0267, 0.1546, 0.0766



0.1655, 0.1671, 0.1216

Previews

White Background



This preview shows how the Yxy color 44.3089, 0.3277, 0.3491 looks on a white background.

Color Contrast Check

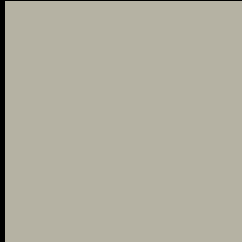
Large Text (above 18pt) WCAG AA × Fail

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 44.3089, 0.3277, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

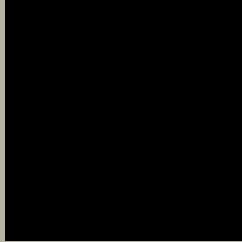
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

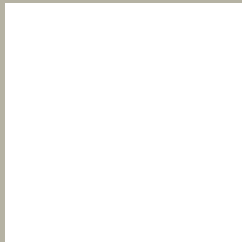
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3089, 0.3277, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 44.3089, 0.3277, 0.3491.



This preview shows how white text looks on a background with the Yxy color 44.3089, 0.3277, 0.3491.

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

44.3089, 0.3277, 0.3491

Protanopia

44.2433, 0.3314, 0.3490

Deuteranopia

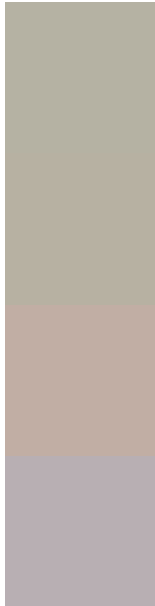
44.0855, 0.3457, 0.3380



Tritanopia

44.2172, 0.3109, 0.3109

Trichromacy



Original Color

44.3089, 0.3277, 0.3491

Protanomaly

44.1202, 0.3305, 0.3491

Deuteranomaly

44.2899, 0.3385, 0.3421

Tritanomaly

44.1050, 0.3174, 0.3238

Monochromacy



Original Color

44.3089, 0.3277, 0.3491

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8878, 0.3177, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3089, 0.3277, 0.3491 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(181, 178, 163)` looks like.

```
.text, #text, p{  
    color:rgb(181, 178, 163)  
}
```

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(181, 178, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 178, 163) }
```

Border

The CSS property to change the border of an element to Yxy 44.3089, 0.3277, 0.3491 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(181, 178, 163) }
```

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

```
.border{ border-color:rgb(181, 178, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 178, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 178, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 178, 163);  
box-shadow:4px 4px 4px 4px rgb(181, 178,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3089, 0.3277, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 178, 163) }
```

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

```
.background{ background-color: rgb(181,  
178, 163) }
```

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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