

Converting Colors

$Yxy(44.9150, 0.3211, 0.3479)$

Have a look what the booklet for
Yxy(44.9150, 0.3211, 0.3479)
contains.

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Color

Yxy(44.7428, 0.3214, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	B1B4A6
RGB	177, 180, 166
RGB Percent	69%, 71%, 65%
CMY	0.3059, 0.2941, 0.3490
CMYK	0.02, 0.00, 0.08, 0.29
HSL	73°, 9%, 68%
HSV	73°, 8%, 71%
XYZ	41.3347, 44.7428, 42.5307
YIQ	177.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

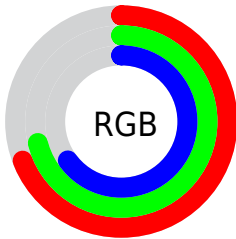
Format	Color
RYB	166, 180, 169
Decimal	11646118
CIELab	72.72, -3.61, 6.77
CIELCh	73, 7.671, 118.047
Yxy	44.7428, 0.3214, 0.3479
Android (android.graphics.Color)	4289836198 (0xFFB1B4A6)
YUV	177.5070, -5.6730, -0.4446
Hunter-Lab	66.8901, -6.7536, 9.1247

Details

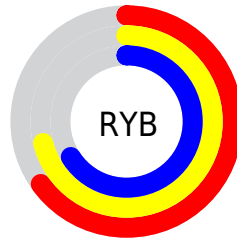
The Yxy color **44.7428, 0.3214, 0.3479** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.0012, 0.3036, 0.3097**, and the grayscale version is **44.2770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5350, 0.3201, 0.3446**, and **20.6787, 0.3236, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **43.6823, 0.3327, 0.3733**, and if you desaturate by 10%, it is **45.9125, 0.3103, 0.3238**.

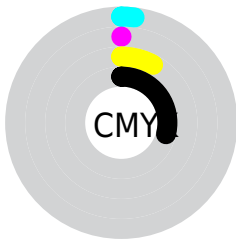
Distribution



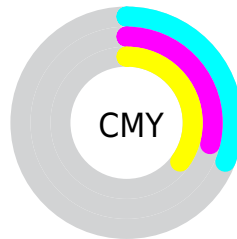
- Red (69%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7428, 0.3214, 0.3479 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 44.7428, 0.3214, 0.3479 by changing the saturation by 10% instead.

■ 44.7428, 0.3214,
0.3479

■ 44.7428, 0.3214,
0.3479

365.7309, 0.3171,
0.3383

■ 31.2549, 0.3225,
0.3503

■ 82.3343, 0.3198,
0.3444

■ 20.7930, 0.3239,
0.3535

■ 107.2067, 0.3192,
0.3431

■ 12.9728, 0.3257,
0.3578

136.6427, 0.3187,
0.3420

■ 7.4098, 0.3283,
0.3638

171.0268, 0.3183,
0.3410

■ 3.7197, 0.3321,
0.3731

210.7432, 0.3179,
0.3402

■ 1.5180, 0.3384,
0.3891

256.1764, 0.3176,

■ 0.3014, 0.3970,

0.3395

0.6030

307.7109, 0.3173,
0.3389

0.0000, 0.0000,
0.0000

44.7428, 0.3214,
0.3479

44.7428, 0.3214,
0.3479

43.6823, 0.3327,
0.3733

45.9125, 0.3103,
0.3238

42.7213, 0.3439,
0.3996

47.1892, 0.2996,
0.3013

41.8575, 0.3546,
0.4259

48.5785, 0.2895,
0.2806

41.0864, 0.3643,
0.4515

50.0836, 0.2801,
0.2616

40.4031, 0.3724,
0.4751

51.6433, 0.2719,
0.2454

■ 39.8021, 0.3785,
0.4959

■ 52.1693, 0.2747,
0.2461

■ 39.2773, 0.3822,
0.5128

■ 52.7087, 0.2775,
0.2467

■ 38.8217, 0.3834,
0.5252

■ 53.2617, 0.2803,
0.2474

■ 38.4241, 0.3822,
0.5334

■ 53.8284, 0.2832,
0.2480

Harmonies

Analogous

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



44.7428, 0.3301, 0.3465



44.7428, 0.3214, 0.3479



44.7428, 0.3105, 0.3440

Triad

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



44.7428, 0.3214, 0.3479



44.7428, 0.2918, 0.3170



44.7428, 0.3251, 0.3222

Complementary

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



44.7428, 0.3214, 0.3479



39.0012, 0.3036, 0.3097

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.



44.7428, 0.3146, 0.3147



44.7428, 0.3214, 0.3479



44.7428, 0.2955, 0.3116

Square

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



44.7428, 0.3214, 0.3479



44.7428, 0.2936, 0.3259



44.7428, 0.3038, 0.3108



44.7428, 0.3322, 0.3316

Rectangle

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



44.7428, 0.3214, 0.3479



44.7428, 0.3035, 0.3389



44.7428, 0.3038, 0.3108



44.7428, 0.3218, 0.3194

Sweetspot

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



44.7447, 0.3214, 0.3479



82.3195, 0.3150, 0.3339



40.7573, 0.3255, 0.3328



17.7972, 0.3148, 0.3336



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.



44.7447, 0.3214, 0.3479



80.8509, 0.3229, 0.3513



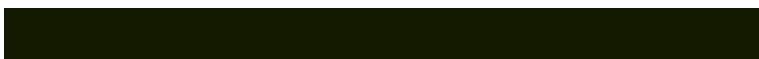
43.9660, 0.3154, 0.3482



9.8128, 0.3231, 0.3517



26.7868, 0.3824, 0.5346



0.8658, 0.3933, 0.5259

Inverse Universe

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



39.0012, 0.3036, 0.3097



68.7167, 0.3019, 0.3061



39.7731, 0.3098, 0.3101



8.3152, 0.3017, 0.3057



2.6207, 0.1621, 0.0667



0.1077, 0.1900, 0.0820

Previews

White Background



This preview shows how the Yxy color 44.7428, 0.3214, 0.3479 looks on a white background.

Color Contrast Check

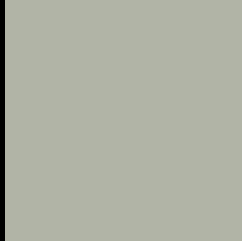
Large Text (above 18pt) WCAG AA × Fail

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 44.7428, 0.3214, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

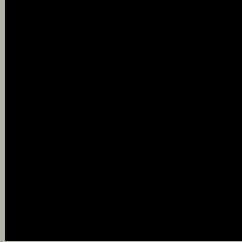
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

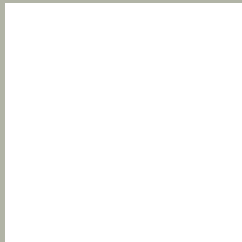
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7428, 0.3214, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 44.7428, 0.3214, 0.3479.



This preview shows how white text looks on a background with the Yxy color 44.7428, 0.3214, 0.3479.

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

44.7428, 0.3214, 0.3479

Protanopia

44.8717, 0.3296, 0.3462

Deuteranopia

44.6116, 0.3419, 0.3342



Tritanopia

44.5921, 0.3058, 0.3108

Trichromacy



Original Color

44.7428, 0.3214, 0.3479

Protanomaly

44.9019, 0.3268, 0.3477

Deuteranomaly

44.6564, 0.3348, 0.3394

Tritanomaly

44.4838, 0.3121, 0.3237

Monochromacy



Original Color

44.7428, 0.3214, 0.3479

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.7612, 0.3159, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7428, 0.3214, 0.3479 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(177, 180, 166)` looks like.

```
.text, #text, p{  
    color:rgb(177, 180, 166)  
}
```

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(177, 180, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 180, 166) }
```

Border

The CSS property to change the border of an element to Yxy 44.7428, 0.3214, 0.3479 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(177, 180, 166) }
```

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

```
.border{ border-color:rgb(177, 180, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 180, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 180, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 180, 166);  
box-shadow:4px 4px 4px 4px rgb(177, 180,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7428, 0.3214, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 180, 166) }
```

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

```
.background{ background-color: rgb(177,  
180, 166) }
```

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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