

Converting Colors

$Yxy(46.3766, 0.3170, 0.3424)$

Have a look what the booklet for
Yxy(46.3766, 0.3170, 0.3424)
contains.

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Color

Yxy(46.4678, 0.3172, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	B3B7AD
RGB	179, 183, 173
RGB Percent	70%, 72%, 68%
CMY	0.2981, 0.2823, 0.3217
CMYK	0.02, 0.00, 0.05, 0.28
HSL	84°, 7%, 70%
HSV	84°, 5%, 72%
XYZ	43.0604, 46.4678, 46.2234
YIQ	180.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

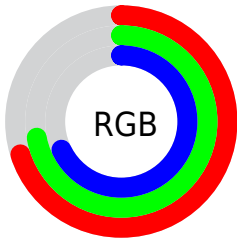
Format	Color
RYB	173, 183, 177
Decimal	11777965
CIELab	73.85, -3.26, 4.60
CIELCh	74, 5.635, 125.338
Yxy	46.4678, 0.3172, 0.3423
Android (android.graphics.Color)	4289968045 (0xFFB3B7AD)
YUV	180.6640, -3.7784, -1.4593
Hunter-Lab	68.1673, -6.5365, 7.5132

Details

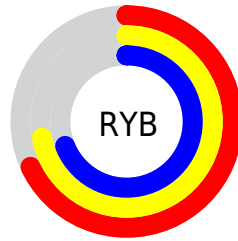
The Yxy color **46.4678, 0.3172, 0.3423** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.6478, 0.3081, 0.3156**, and the grayscale version is **46.0364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9966, 0.3168, 0.3403**, and **21.7814, 0.3178, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **44.9549, 0.3254, 0.3680**, and if you desaturate by 10%, it is **48.1287, 0.3091, 0.3185**.

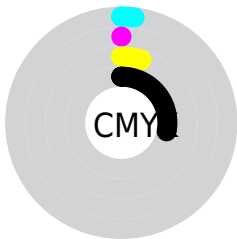
Distribution



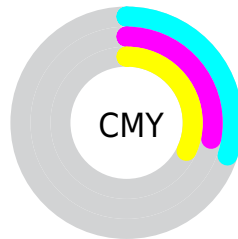
- Red (70%)
- Green (72%)
- Blue (68%)



- Red (68%)
- Yellow (72%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (30%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.4678, 0.3172, 0.3423 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 46.4678, 0.3172, 0.3423 by changing the saturation by 10% instead.

■ 46.4678, 0.3172,
0.3423

■ 46.4678, 0.3172,
0.3423

372.6862, 0.3150,
0.3356

■ 32.6151, 0.3177,
0.3440

■ 84.9187, 0.3164,
0.3399

■ 21.8318, 0.3185,
0.3462

110.2857, 0.3161,
0.3389

■ 13.7333, 0.3194,
0.3491

140.2595, 0.3158,
0.3382

■ 7.9354, 0.3207,
0.3532

175.2247, 0.3156,
0.3375

■ 4.0537, 0.3226,
0.3595

215.5656, 0.3154,
0.3369

■ 1.7036, 0.3257,
0.3700

261.6665, 0.3153,

■ 0.4260, 0.3640,

0.3364

0.4766

313.9119, 0.3151,
0.3360

0.0000, 0.0000,
0.0000

46.4678, 0.3172,
0.3423

46.4678, 0.3172,
0.3423

44.9549, 0.3254,
0.3680

48.1287, 0.3091,
0.3185

43.5792, 0.3335,
0.3953

49.9360, 0.3012,
0.2967

42.3380, 0.3410,
0.4235

51.8958, 0.2937,
0.2770

41.2258, 0.3476,
0.4519

54.0122, 0.2867,
0.2592

40.2371, 0.3529,
0.4794

55.6628, 0.2863,
0.2519

■ 39.3656, 0.3562,
0.5046

■ 56.8089, 0.2918,
0.2532

■ 38.6045, 0.3574,
0.5262

■ 58.0060, 0.2973,
0.2544

■ 37.9457, 0.3562,
0.5432

■ 59.2546, 0.3029,
0.2556

■ 37.3798, 0.3527,
0.5552

■ 60.5554, 0.3085,
0.2569

Harmonies

Analogous

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



46.4678, 0.3240, 0.3423



46.4678, 0.3172, 0.3423



46.4678, 0.3092, 0.3386

Triad

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



46.4678, 0.3172, 0.3423



46.4678, 0.2978, 0.3191



46.4678, 0.3232, 0.3257

Complementary

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



46.4678, 0.3172, 0.3423



42.6478, 0.3081, 0.3156

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.



46.4678, 0.3161, 0.3197



46.4678, 0.3172, 0.3423



46.4678, 0.3014, 0.3159

Square

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



46.4678, 0.3172, 0.3423



46.4678, 0.2981, 0.3251



46.4678, 0.3081, 0.3161



46.4678, 0.3276, 0.3326

Rectangle

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



46.4678, 0.3172, 0.3423



46.4678, 0.3044, 0.3346



46.4678, 0.3081, 0.3161



46.4678, 0.3211, 0.3235

Sweetspot

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



46.4698, 0.3172, 0.3423



84.2078, 0.3144, 0.3339



44.5269, 0.3213, 0.3343



18.6057, 0.3143, 0.3336



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



46.4698, 0.3172, 0.3423



82.7522, 0.3185, 0.3464



45.8858, 0.3129, 0.3425



10.3831, 0.3188, 0.3473



25.9499, 0.3516, 0.5590



0.9498, 0.3692, 0.5451

Inverse Universe

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



42.6478, 0.3081, 0.3156



73.9671, 0.3066, 0.3115



43.2449, 0.3124, 0.3158



9.2270, 0.3063, 0.3106



3.4292, 0.1862, 0.0799



0.1572, 0.2170, 0.0969

Previews

White Background



This preview shows how the Yxy color 46.4678, 0.3172, 0.3423 looks on a white background.

Color Contrast Check

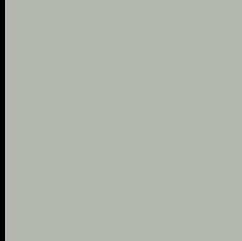
Large Text (above 18pt) WCAG AA × Fail

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 46.4678, 0.3172, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

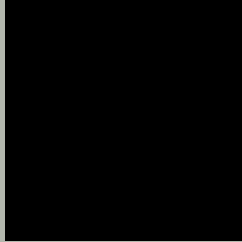
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

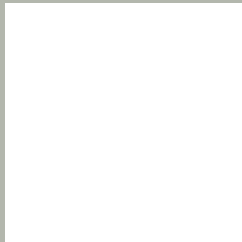
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4678, 0.3172, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 46.4678, 0.3172, 0.3423.



This preview shows how white text looks on a background with the Yxy color 46.4678, 0.3172, 0.3423.

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

46.4678, 0.3172, 0.3423

Protanopia

46.5911, 0.3252, 0.3407

Deuteranopia

46.1726, 0.3361, 0.3291



Tritanopia

46.4826, 0.3034, 0.3110

Trichromacy



Original Color

46.4678, 0.3172, 0.3423

Protanomaly

46.6248, 0.3224, 0.3421

Deuteranomaly

46.2342, 0.3292, 0.3342

Tritanomaly

46.4167, 0.3088, 0.3225

Monochromacy



Original Color

46.4678, 0.3172, 0.3423

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.3735, 0.3142, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4678, 0.3172, 0.3423 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(179, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(179, 183, 173)  
}
```

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(179, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 183, 173) }
```

Border

The CSS property to change the border of an element to Yxy 46.4678, 0.3172, 0.3423 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(179, 183, 173) }
```

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

```
.border{ border-color:rgb(179, 183, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 183, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(179, 183,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4678, 0.3172, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 183, 173) }
```

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

```
.background{ background-color: rgb(179,  
183, 173) }
```

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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