

Converting Colors

Yxy(46.1142, 0.3221, 0.3430)

Have a look what the booklet for
Yxy(46.1142, 0.3221, 0.3430)
contains.

Yxy(45.9331, 0.3216, 0.3422)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.9331, 0.3216, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	B6B5AB
RGB	182, 181, 171
RGB Percent	71%, 71%, 67%
CMY	0.2863, 0.2902, 0.3293
CMYK	0.00, 0.01, 0.06, 0.29
HSL	55°, 7%, 69%
HSV	55°, 6%, 71%
XYZ	43.1680, 45.9331, 45.1277
YIQ	180.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

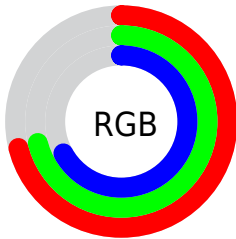
Format	Color
RYB	172, 182, 171
Decimal	11974059
CIELab	73.50, -1.45, 5.20
CIElCh	74, 5.396, 105.575
Yxy	45.9331, 0.3216, 0.3422
Android (android.graphics.Color)	4290164139 (0xFFB6B5AB)
YUV	180.1590, -4.5154, 1.6146
Hunter-Lab	67.7740, -4.9105, 7.9631

Details

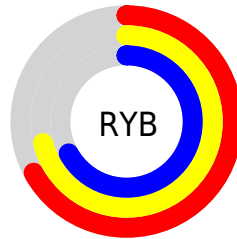
The Yxy color **45.9331, 0.3216, 0.3422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.5512, 0.3037, 0.3154**, and the grayscale version is **45.7567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2365, 0.3202, 0.3403**, and **21.4374, 0.3239, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **44.6161, 0.3369, 0.3647**, and if you desaturate by 10%, it is **47.3577, 0.3071, 0.3205**.

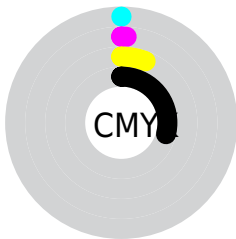
Distribution



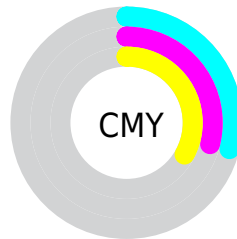
- Red (71%)
- Green (71%)
- Blue (67%)



- Red (67%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9331, 0.3216, 0.3422 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 45.9331, 0.3216, 0.3422 by changing the saturation by 10% instead.

■ 45.9331, 0.3216,
0.3422

■ 45.9331, 0.3216,
0.3422

370.5396, 0.3172,
0.3356

■ 32.1930, 0.3227,
0.3439

■ 84.1189, 0.3200,
0.3398

■ 21.5090, 0.3241,
0.3460

109.3334, 0.3194,
0.3389

■ 13.4966, 0.3260,
0.3489

139.1414, 0.3189,
0.3381

■ 7.7714, 0.3287,
0.3530

173.9275, 0.3184,
0.3375

■ 3.9490, 0.3327,
0.3591

214.0760, 0.3180,
0.3369

■ 1.6451, 0.3393,
0.3695

259.9712, 0.3177,

■ 0.3877, 0.4273,

0.3364

0.4973

311.9976, 0.3174,
0.3360

0.0000, 0.0000,
0.0000

45.9331, 0.3216,
0.3422

45.9331, 0.3216,
0.3422

44.6161, 0.3369,
0.3647

47.3577, 0.3071,
0.3205

43.3969, 0.3527,
0.3876

48.8876, 0.2935,
0.3001

42.2732, 0.3686,
0.4101

50.5284, 0.2810,
0.2810

41.2407, 0.3841,
0.4314

52.2833, 0.2695,
0.2634

40.2942, 0.3984,
0.4507

53.6950, 0.2631,
0.2541

■ 39.4286, 0.4111,
0.4668

■ 54.4156, 0.2633,
0.2560

■ 38.6377, 0.4216,
0.4791

■ 55.1445, 0.2635,
0.2580

■ 37.9145, 0.4294,
0.4871

■ 55.8817, 0.2637,
0.2599

■ 37.2500, 0.4346,
0.4909

■ 56.6271, 0.2639,
0.2619

Harmonies

Analogous

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



45.9331, 0.3264, 0.3399



45.9331, 0.3216, 0.3422



45.9331, 0.3144, 0.3409

Triad

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



45.9331, 0.3216, 0.3422



45.9331, 0.2981, 0.3231



45.9331, 0.3185, 0.3218

Complementary

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



45.9331, 0.3216, 0.3422



41.5512, 0.3037, 0.3154

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.



45.9331, 0.3109, 0.3175



45.9331, 0.3216, 0.3422



45.9331, 0.2992, 0.3181

Square

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



45.9331, 0.3216, 0.3422



45.9331, 0.3009, 0.3298



45.9331, 0.3038, 0.3161



45.9331, 0.3246, 0.3281

Rectangle

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



45.9331, 0.3216, 0.3422



45.9331, 0.3093, 0.3382



45.9331, 0.3038, 0.3161



45.9331, 0.3160, 0.3201

Sweetspot

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



45.9351, 0.3216, 0.3422



84.2843, 0.3157, 0.3334



42.0618, 0.3218, 0.3276



18.6218, 0.3155, 0.3332



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.



45.9351, 0.3216, 0.3422



83.0073, 0.3232, 0.3446



45.8178, 0.3177, 0.3437



10.4166, 0.3238, 0.3454



26.1751, 0.4360, 0.4920



0.9639, 0.4312, 0.4958

Inverse Universe

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



41.5512, 0.3037, 0.3154



73.7020, 0.3020, 0.3129



41.6725, 0.3075, 0.3143



9.1921, 0.3014, 0.3121



2.7047, 0.1520, 0.0671



0.1397, 0.1593, 0.0935

Previews

White Background



This preview shows how the Yxy color 45.9331, 0.3216, 0.3422 looks on a white background.

Color Contrast Check

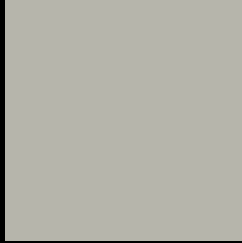
Large Text (above 18pt) WCAG AA × Fail

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 45.9331, 0.3216, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

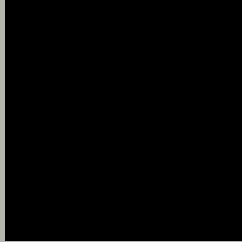
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

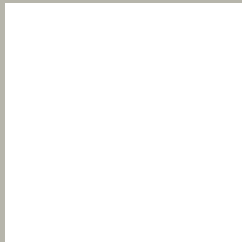
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.9331, 0.3216, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 45.9331, 0.3216, 0.3422.



This preview shows how white text looks on a background with the Yxy color 45.9331, 0.3216, 0.3422.

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

45.9331, 0.3216, 0.3422

Protanopia

45.9839, 0.3261, 0.3421

Deuteranopia

45.6682, 0.3389, 0.3316



Tritanopia

45.9608, 0.3076, 0.3111

Trichromacy



Original Color

45.9331, 0.3216, 0.3422

Protanomaly

45.8591, 0.3252, 0.3422

Deuteranomaly

45.8922, 0.3320, 0.3355

Tritanomaly

45.8912, 0.3130, 0.3225

Monochromacy



Original Color

45.9331, 0.3216, 0.3422

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6406, 0.3160, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9331, 0.3216, 0.3422 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(182, 181, 171)` looks like.

```
.text, #text, p{  
    color:rgb(182, 181, 171)  
}
```

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(182, 181, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 181, 171) }
```

Border

The CSS property to change the border of an element to Yxy 45.9331, 0.3216, 0.3422 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(182, 181, 171) }
```

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

```
.border{ border-color:rgb(182, 181, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 181, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 181, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 181, 171);  
box-shadow:4px 4px 4px 4px rgb(182, 181,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9331, 0.3216, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 181, 171) }
```

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

```
.background{ background-color: rgb(182,  
181, 171) }
```

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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