

Converting Colors

$Y_{xy}(45.2599, 0.3015, 0.3189)$

Have a look what the booklet for
Yxy(45.2599, 0.3015, 0.3189)
contains.

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Color

Yxy(45.2720, 0.3014, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	AEB4BC
RGB	174, 180, 188
RGB Percent	68%, 71%, 74%
CMY	0.3176, 0.2941, 0.2627
CMYK	0.07, 0.04, 0.00, 0.26
HSL	214°, 9%, 71%
HSV	214°, 7%, 74%
XYZ	42.8548, 45.2720, 54.0591
YIQ	179.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

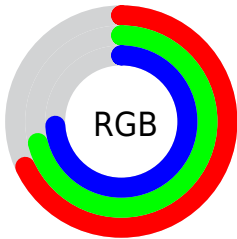
Format	Color
RYB	174, 178, 188
Decimal	11449532
CIELab	73.07, -0.52, -4.80
CIELCh	73, 4.826, 263.806
Yxy	45.2720, 0.3014, 0.3184
Android (android.graphics.Color)	4289639612 (0xFFFAEB4BC)
YUV	179.1180, 4.3788, -4.4885
Hunter-Lab	67.2845, -4.0576, -0.5369

Details

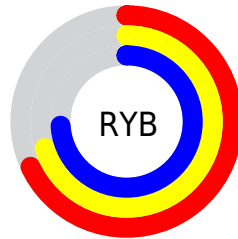
The Yxy color $45.2720, 0.3014, 0.3184$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.2074, 0.3243, 0.3394$, and the grayscale version is $45.1255, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.1806, 0.3032, 0.3208$, and $21.0656, 0.2984, 0.3145$ is the 20% darker color. If you saturate the color by 10%, you get $39.0912, 0.2855, 0.3027$, and if you desaturate by 10%, it is $52.0953, 0.3165, 0.3324$.

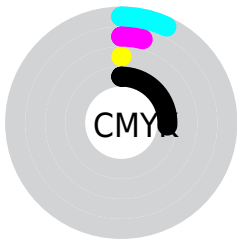
Distribution



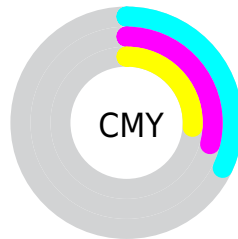
- Red (68%)
- Green (71%)
- Blue (74%)



- Red (68%)
- Yellow (70%)
- Blue (74%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (32%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2720, 0.3014, 0.3184 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 45.2720, 0.3014, 0.3184 by changing the saturation by 10% instead.

■ 45.2720, 0.3014,
0.3184

■ 45.2720, 0.3014,
0.3184

367.8741, 0.3071,
0.3237

■ 31.6717, 0.3000,
0.3171

■ 83.1284, 0.3035,
0.3203

■ 21.1109, 0.2981,
0.3153

108.1534, 0.3042,
0.3211

■ 13.2051, 0.2957,
0.3130

137.7553, 0.3049,
0.3217

■ 7.5699, 0.2923,
0.3098

172.3187, 0.3055,
0.3222

■ 3.8210, 0.2871,
0.3049

212.2278, 0.3059,
0.3227

■ 1.5739, 0.2785,
0.2966

257.8672, 0.3064,

■ 0.3399, 0.2289,

0.3231

0.2507

309.6211, 0.3067,
0.3234

0.0000, 0.0000,
0.0000

45.2720, 0.3014,
0.3184

45.2720, 0.3014,
0.3184

39.0912, 0.2855,
0.3027

52.0953, 0.3165,
0.3324

33.5271, 0.2690,
0.2853

59.5745, 0.3306,
0.3448

28.5605, 0.2521,
0.2662

67.7296, 0.3438,
0.3558

24.1686, 0.2354,
0.2458

76.5783, 0.3559,
0.3653

20.3275, 0.2193,
0.2242

83.5862, 0.3576,
0.3752

■ 17.0108, 0.2044,
0.2021

■ 89.8829, 0.3550,
0.3853

■ 14.1896, 0.1914,
0.1801

■ 96.4111, 0.3526,
0.3949

■ 11.8312, 0.1807,
0.1589

■ 9.8921, 0.1726,
0.1393

Harmonies

Analogous

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



45.2720, 0.2995, 0.3222



45.2720, 0.3014, 0.3184



45.2720, 0.3063, 0.3174

Triad

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



45.2720, 0.3014, 0.3184



45.2720, 0.3245, 0.3299



45.2720, 0.3124, 0.3388

Complementary

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



45.2720, 0.3014, 0.3184



47.2074, 0.3243, 0.3394

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.



45.2720, 0.3191, 0.3409



45.2720, 0.3014, 0.3184



45.2720, 0.3261, 0.3356

Square

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



45.2720, 0.3014, 0.3184



45.2720, 0.3196, 0.3240



45.2720, 0.3241, 0.3396



45.2720, 0.3058, 0.3341

Rectangle

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



45.2720, 0.3014, 0.3184



45.2720, 0.3107, 0.3185



45.2720, 0.3241, 0.3396



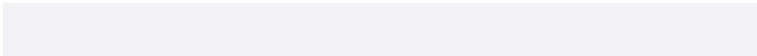
45.2720, 0.3147, 0.3399

Sweetspot

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



45.2739, 0.3014, 0.3184



88.5939, 0.3097, 0.3262



48.3429, 0.3059, 0.3370



19.0796, 0.3098, 0.3263



95.5105, 0.3127, 0.3290



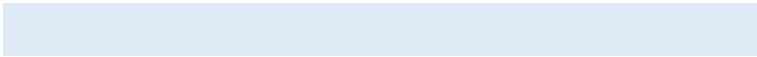
19.5994, 0.3127, 0.3290

Same Dimension

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



45.2739, 0.3014, 0.3184



80.0610, 0.2987, 0.3159



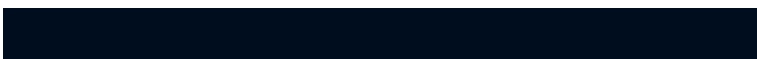
43.0119, 0.3022, 0.3104



9.8794, 0.2984, 0.3155



6.5736, 0.1714, 0.1369



0.3875, 0.1846, 0.1847

Inverse Universe

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



44.2615, 0.3202, 0.3213



77.8659, 0.3221, 0.3194



49.5989, 0.3228, 0.3470



9.6024, 0.3223, 0.3192



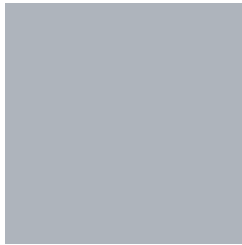
7.6933, 0.5233, 0.2656



0.3145, 0.4630, 0.2324

Previews

White Background



This preview shows how the Yxy color 45.2720, 0.3014, 0.3184 looks on a white background.

Color Contrast Check

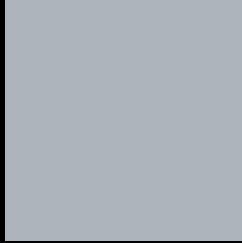
Large Text (above 18pt) WCAG AA × Fail

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 45.2720, 0.3014, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

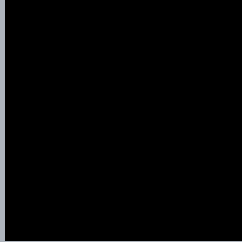
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

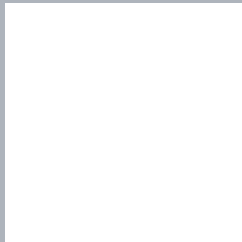
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2720, 0.3014, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 45.2720, 0.3014, 0.3184.



This preview shows how white text looks on a background with the Yxy color 45.2720, 0.3014, 0.3184.

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

45.2720, 0.3014, 0.3184

Protanopia

45.1319, 0.3073, 0.3172

Deuteranopia

45.1527, 0.3162, 0.3100



Tritanopia

45.2044, 0.2984, 0.3106

Trichromacy



Original Color

45.2720, 0.3014, 0.3184

Protanomaly

45.2930, 0.3055, 0.3185

Deuteranomaly

45.0391, 0.3100, 0.3123

Tritanomaly

45.1157, 0.2999, 0.3132

Monochromacy



Original Color

45.2720, 0.3014, 0.3184

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9647, 0.3086, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2720, 0.3014, 0.3184 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(174, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(174, 180, 188)  
}
```

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(174, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 180, 188) }
```

Border

The CSS property to change the border of an element to Yxy 45.2720, 0.3014, 0.3184 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(174, 180, 188) }
```

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

```
.border{ border-color:rgb(174, 180, 188) }
```

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

Here you see how a box with a 4 pixel rgb(174, 180, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(174, 180,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2720, 0.3014, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 180, 188) }
```

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

```
.background{ background-color: rgb(174,  
180, 188) }
```

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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