

Converting Colors

$Yxy(44.5817, 0.2996, 0.3168)$

Have a look what the booklet for
Yxy(44.5817, 0.2996, 0.3168)
contains.

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Color

Yxy(44.6417, 0.2997, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	ACB3BC
RGB	172, 179, 188
RGB Percent	67%, 70%, 74%
CMY	0.3256, 0.2980, 0.2627
CMYK	0.09, 0.05, 0.00, 0.26
HSL	214°, 11%, 71%
HSV	214°, 9%, 74%
XYZ	42.2054, 44.6417, 53.9784
YIQ	177.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

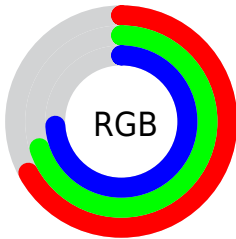
Format	Color
R _Y B	172, 177, 188
Decimal	11318204
CIE Lab	72.66, -0.68, -5.43
CIE LCh	73, 5.477, 262.897
Yxy	44.6417, 0.2997, 0.3170
Android (android.graphics.Color)	4289508284 (0xFFACB3BC)
YUV	177.9330, 4.9630, -5.2032
Hunter-Lab	66.8144, -4.1702, -1.1294

Details

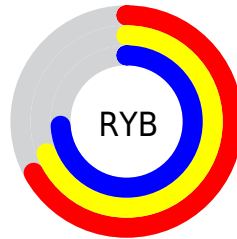
The Yxy color **44.6417, 0.2997, 0.3170** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7046, 0.3261, 0.3407**, and the grayscale version is **44.4581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2792, 0.3020, 0.3197**, and **20.6640, 0.2961, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **38.5984, 0.2837, 0.3014**, and if you desaturate by 10%, it is **51.3129, 0.3149, 0.3309**.

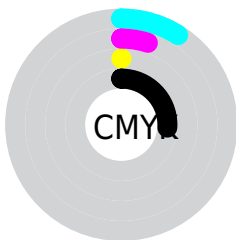
Distribution



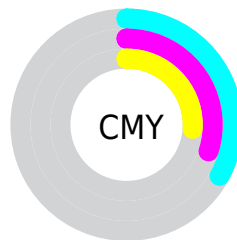
- Red (67%)
- Green (70%)
- Blue (74%)



- Red (67%)
- Yellow (69%)
- Blue (74%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6417, 0.2997, 0.3170 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 44.6417, 0.2997, 0.3170 by changing the saturation by 10% instead.

■ 44.6417, 0.2997,
0.3170

■ 44.6417, 0.2997,
0.3170

365.3205, 0.3062,
0.3231

■ 31.1753, 0.2981,
0.3155

■ 82.1825, 0.3021,
0.3192

■ 20.7324, 0.2959,
0.3135

107.0257, 0.3030,
0.3200

■ 12.9285, 0.2931,
0.3109

136.4299, 0.3037,
0.3207

■ 7.3793, 0.2891,
0.3071

170.7795, 0.3044,
0.3213

■ 3.7004, 0.2831,
0.3015

210.4590, 0.3049,
0.3219

■ 1.5074, 0.2730,
0.2921

255.8528, 0.3054,

■ 0.2940, 0.2091,

0.3223

0.2339

307.3451, 0.3059,
0.3227

0.0000, 0.0000,
0.0000

44.6417, 0.2997,
0.3170

44.6417, 0.2997,
0.3170

38.5984, 0.2837,
0.3014

51.3129, 0.3149,
0.3309

33.1577, 0.2672,
0.2842

58.6252, 0.3292,
0.3433

28.3006, 0.2505,
0.2653

66.5984, 0.3425,
0.3542

24.0047, 0.2339,
0.2451

75.2496, 0.3548,
0.3637

20.2462, 0.2180,
0.2239

82.4551, 0.3581,
0.3733

■ 16.9991, 0.2035,
0.2022

■ 88.5614, 0.3555,
0.3833

■ 14.2348, 0.1908,
0.1806

■ 95.0297, 0.3531,
0.3929

■ 11.9206, 0.1805,
0.1599

■ 96.4116, 0.3526,
0.3949

■ 10.0082, 0.1727,
0.1406

Harmonies

Analogous

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



44.6417, 0.2977, 0.3215



44.6417, 0.2997, 0.3170



44.6417, 0.3052, 0.3158

Triad

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



44.6417, 0.2997, 0.3170



44.6417, 0.3260, 0.3298



44.6417, 0.3125, 0.3404

Complementary

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



44.6417, 0.2997, 0.3170



46.7046, 0.3261, 0.3407

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.



44.6417, 0.3202, 0.3426



44.6417, 0.2997, 0.3170



44.6417, 0.3280, 0.3363

Square

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



44.6417, 0.2997, 0.3170



44.6417, 0.3204, 0.3231



44.6417, 0.3259, 0.3410



44.6417, 0.3050, 0.3350

Rectangle

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



44.6417, 0.2997, 0.3170



44.6417, 0.3101, 0.3169



44.6417, 0.3259, 0.3410



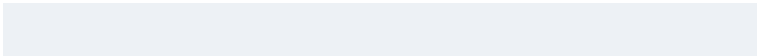
44.6417, 0.3152, 0.3415

Sweetspot

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



44.6436, 0.2997, 0.3170



87.3857, 0.3081, 0.3249



48.0680, 0.3051, 0.3386



18.5819, 0.3069, 0.3237



95.5105, 0.3127, 0.3290



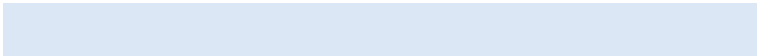
19.5994, 0.3127, 0.3290

Same Dimension

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



44.6436, 0.2997, 0.3170



79.0379, 0.2972, 0.3146



41.9796, 0.3004, 0.3075



9.8963, 0.2984, 0.3158



6.7823, 0.1723, 0.1402



0.3960, 0.1854, 0.1875

Inverse Universe

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



43.4394, 0.3212, 0.3199



76.5046, 0.3230, 0.3181



49.5429, 0.3245, 0.3497



9.6041, 0.3221, 0.3190



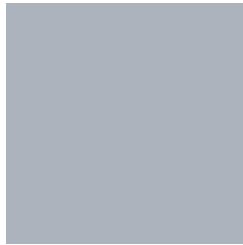
7.7144, 0.5188, 0.2632



0.3153, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 44.6417, 0.2997, 0.3170 looks on a white background.

Color Contrast Check

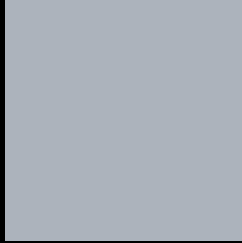
Large Text (above 18pt) WCAG AA × Fail

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 44.6417, 0.2997, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

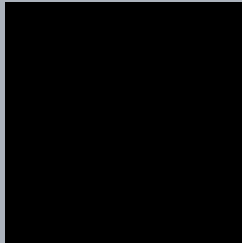
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

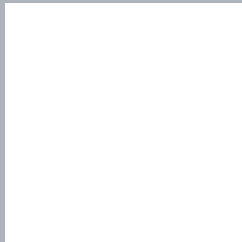
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6417, 0.2997, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 44.6417, 0.2997, 0.3170.



This preview shows how white text looks on a background with the Yxy color 44.6417, 0.2997, 0.3170.

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

44.6417, 0.2997, 0.3170

Protanopia

44.6158, 0.3064, 0.3159

Deuteranopia

44.5084, 0.3146, 0.3086



Tritanopia

44.5308, 0.2975, 0.3105

Trichromacy



Original Color

44.6417, 0.2997, 0.3170

Protanomaly

44.6588, 0.3039, 0.3171

Deuteranomaly

44.4013, 0.3083, 0.3109

Tritanomaly

44.4866, 0.2983, 0.3118

Monochromacy



Original Color

44.6417, 0.2997, 0.3170

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4483, 0.3078, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6417, 0.2997, 0.3170 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(172, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(172, 179, 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(172, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 179, 188) }
```

Border

The CSS property to change the border of an element to Yxy 44.6417, 0.2997, 0.3170 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(172, 179, 188) }
```

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

```
.border{ border-color:rgb(172, 179, 188) }
```

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

Here you see how a box with a 4 pixel rgb(172, 179, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(172, 179,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6417, 0.2997, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 179, 188) }
```

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

```
.background{ background-color: rgb(172,  
179, 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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