

Converting Colors

Yxy(44.7428, 0.2989, 0.3195)

Have a look what the booklet for
Yxy(44.7428, 0.2989, 0.3195)
contains.

Yxy(44.7764, 0.2989, 0.3196)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.7764, 0.2989, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	AAB4BB
RGB	170, 180, 187
RGB Percent	67%, 71%, 73%
CMY	0.3331, 0.2942, 0.2667
CMYK	0.09, 0.04, 0.00, 0.27
HSL	205°, 11%, 70%
HSV	205°, 9%, 73%
XYZ	41.8763, 44.7764, 53.4487
YIQ	177.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

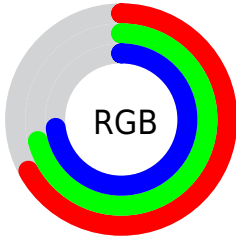
Format	Color
R _Y B	170, 176, 187
Decimal	11187387
CIE Lab	72.74, -2.06, -4.76
CIE LCh	73, 5.186, 246.653
Yxy	44.7764, 0.2989, 0.3196
Android (android.graphics.Color)	4289377467 (0xFFAAB4BB)
YUV	177.8080, 4.5317, -6.8476
Hunter-Lab	66.9152, -5.3941, -0.5174

Details

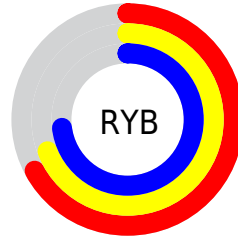
The Yxy color $44.7764, 0.2989, 0.3196$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.9373, 0.3273, 0.3382$, and the grayscale version is $44.3977, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.4695, 0.3013, 0.3217$, and $20.7515, 0.2949, 0.3161$ is the 20% darker color. If you saturate the color by 10%, you get $39.8037, 0.2833, 0.3081$, and if you desaturate by 10%, it is $50.2236, 0.3141, 0.3299$.

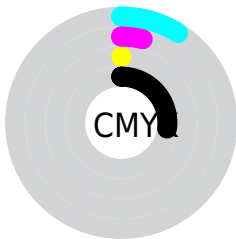
Distribution



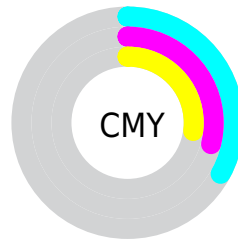
- Red (67%)
- Green (71%)
- Blue (73%)



- Red (67%)
- Yellow (69%)
- Blue (73%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7764, 0.2989, 0.3196 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 44.7764, 0.2989, 0.3196 by changing the saturation by 10% instead.

■ 44.7764, 0.2989,
0.3196

■ 44.7764, 0.2989,
0.3196

365.8672, 0.3058,
0.3244

■ 31.2813, 0.2972,
0.3184

■ 82.3848, 0.3014,
0.3213

■ 20.8132, 0.2949,
0.3168

107.2669, 0.3024,
0.3220

■ 12.9875, 0.2919,
0.3147

136.7135, 0.3032,
0.3225

■ 7.4199, 0.2877,
0.3118

171.1089, 0.3039,
0.3230

■ 3.7261, 0.2814,
0.3073

210.8376, 0.3045,
0.3234

■ 1.5216, 0.2708,
0.2996

256.2840, 0.3050,

■ 0.3038, 0.1978,

0.3238

0.2519

307.8324, 0.3054,
0.3241

0.0000, 0.0000,
0.0000

44.7764, 0.2989,
0.3196

44.7764, 0.2989,
0.3196

39.8037, 0.2833,
0.3081

50.2236, 0.3141,
0.3299

35.2846, 0.2677,
0.2956

56.1541, 0.3288,
0.3391

31.2047, 0.2523,
0.2819

62.5836, 0.3428,
0.3473

27.5467, 0.2374,
0.2673

69.5251, 0.3561,
0.3545

24.2918, 0.2237,
0.2519

75.3333, 0.3621,
0.3615

■ 21.4195, 0.2113,
0.2361

■ 79.4546, 0.3601,
0.3692

■ 18.9066, 0.2008,
0.2201

■ 83.7657, 0.3582,
0.3766

■ 16.7266, 0.1924,
0.2042

■ 88.2692, 0.3563,
0.3839

■ 14.8346, 0.1860,
0.1889

■ 92.9672, 0.3544,
0.3910

Harmonies

Analogous

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



44.7764, 0.2990, 0.3251



44.7764, 0.2989, 0.3196



44.7764, 0.3024, 0.3167

Triad

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



44.7764, 0.2989, 0.3196



44.7764, 0.3228, 0.3262



44.7764, 0.3166, 0.3413

Complementary

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



44.7764, 0.2989, 0.3196



44.9373, 0.3273, 0.3382

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.



44.7764, 0.3230, 0.3415



44.7764, 0.2989, 0.3196



44.7764, 0.3266, 0.3327

Square

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



44.7764, 0.2989, 0.3196



44.7764, 0.3162, 0.3205



44.7764, 0.3267, 0.3383



44.7764, 0.3092, 0.3377

Rectangle

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



44.7764, 0.2989, 0.3196



44.7764, 0.3064, 0.3166



44.7764, 0.3267, 0.3383



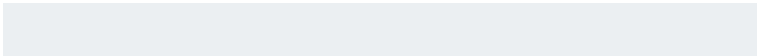
44.7764, 0.3189, 0.3418

Sweetspot

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



44.7783, 0.2989, 0.3196



85.9612, 0.3081, 0.3259



47.2600, 0.3065, 0.3426



18.7554, 0.3069, 0.3251



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.



44.7783, 0.2989, 0.3196



78.2446, 0.2956, 0.3173



41.5480, 0.2989, 0.3084



10.1299, 0.2984, 0.3193



10.2508, 0.1859, 0.1893



0.5277, 0.1962, 0.2263

Inverse Universe

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



42.6283, 0.3197, 0.3161



73.6123, 0.3215, 0.3129



48.2948, 0.3262, 0.3488



9.6277, 0.3199, 0.3156



8.0645, 0.4576, 0.2295



0.3286, 0.4165, 0.2068

Previews

White Background



This preview shows how the Yxy color 44.7764, 0.2989, 0.3196 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 44.7764, 0.2989, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

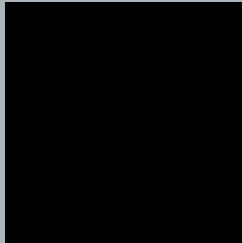
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

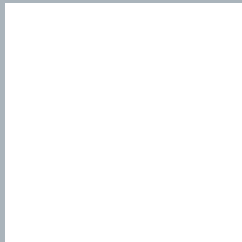
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7764, 0.2989, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 44.7764, 0.2989, 0.3196.



This preview shows how white text looks on a background with the Yxy color 44.7764, 0.2989, 0.3196.

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

44.7764, 0.2989, 0.3196

Protanopia

44.5308, 0.3080, 0.3185

Deuteranopia

44.5943, 0.3163, 0.3099



Tritanopia

44.7484, 0.2951, 0.3105

Trichromacy



Original Color

44.7764, 0.2989, 0.3196

Protanomaly

44.6161, 0.3047, 0.3184

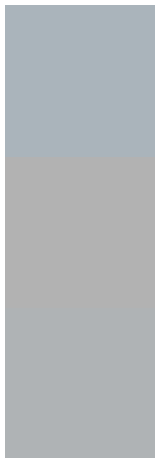
Deuteranomaly

44.7488, 0.3091, 0.3134

Tritanomaly

44.6597, 0.2966, 0.3131

Monochromacy



Original Color

44.7764, 0.2989, 0.3196

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.6904, 0.3077, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7764, 0.2989, 0.3196 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(170, 180, 187)` looks like.

```
.text, #text, p{  
    color:rgb(170, 180, 187)  
}
```

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(170, 180, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 180, 187) }
```

Border

The CSS property to change the border of an element to Yxy 44.7764, 0.2989, 0.3196 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(170, 180, 187) }
```

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

```
.border{ border-color:rgb(170, 180, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 180, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 180, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 180, 187);  
box-shadow:4px 4px 4px 4px rgb(170, 180,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7764, 0.2989, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 180, 187) }
```

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

```
.background{ background-color: rgb(170,  
180, 187) }
```

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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