

Converting Colors

$Yxy(41.6336, 0.2995, 0.3086)$

Have a look what the booklet for
Yxy(41.6336, 0.2995, 0.3086)
contains.

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Color

Yxy(41.7508, 0.2997, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	ABACBB
RGB	171, 172, 187
RGB Percent	67%, 67%, 73%
CMY	0.3293, 0.3255, 0.2667
CMYK	0.09, 0.08, 0.00, 0.27
HSL	236°, 11%, 70%
HSV	236°, 9%, 73%
XYZ	40.5204, 41.7508, 52.9321
YIQ	173.4110, -5.4110, 4.4530

Conversions

Conversions Part 2

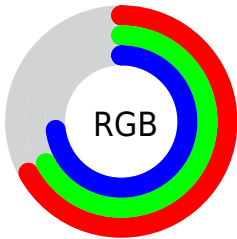
Format	Color
R_{YB}	171, 172, 187
Decimal	11250875
CIE _{Lab}	70.70, 2.61, -7.78
CIE _{LCh}	71, 8.205, 288.554
Yxy	41.7508, 0.2997, 0.3088
Android (android.graphics.Color)	4289440955 (0xFFABACBB)
YUV	173.4110, 6.6994, -2.1144
Hunter-Lab	64.6149, -1.1374, -3.3396

Details

The Yxy color $41.7508, 0.2997, 0.3088$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.6336, 0.3253, 0.3484$, and the grayscale version is $41.9797, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5780, 0.3020, 0.3123$, and $19.0761, 0.2959, 0.3030$ is the 20% darker color. If you saturate the color by 10%, you get $33.5486, 0.2827, 0.2822$, and if you desaturate by 10%, it is $51.1373, 0.3148, 0.3322$.

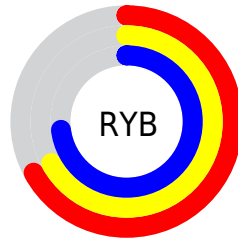
Distribution



Red (67%)

Green (67%)

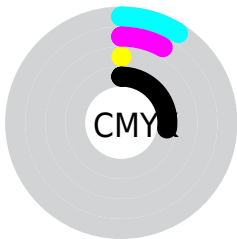
Blue (73%)



Red (67%)

Yellow (67%)

Blue (73%)

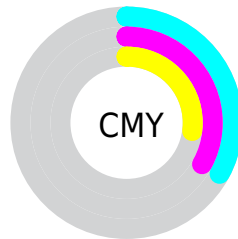


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7508, 0.2997, 0.3088 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 41.7508, 0.2997, 0.3088 by changing the saturation by 10% instead.

■ 41.7508, 0.2997,
0.3088

■ 41.7508, 0.2997,
0.3088

353.4489, 0.3063,
0.3190

■ 28.9062, 0.2980,
0.3062

■ 77.8223, 0.3021,
0.3125

■ 19.0099, 0.2958,
0.3029

101.8181, 0.3031,
0.3139

■ 11.6774, 0.2928,
0.2984

130.2996, 0.3038,
0.3151

■ 6.5244, 0.2885,
0.2921

163.6514, 0.3045,
0.3161

■ 3.1665, 0.2820,
0.2825

202.2579, 0.3050,
0.3170

■ 1.2193, 0.2707,
0.2662

246.5033, 0.3055,

■ 0.0774, 0.1629,

0.3177

0.0918

296.7722, 0.3060,
0.3184

0.0000, 0.0000,
0.0000

41.7508, 0.2997,
0.3088

41.7508, 0.2997,
0.3088

33.5486, 0.2827,
0.2822

51.1373, 0.3148,
0.3322

26.4787, 0.2640,
0.2526

61.7471, 0.3281,
0.3527

20.4930, 0.2439,
0.2205

73.6238, 0.3397,
0.3703

15.5376, 0.2231,
0.1869

86.8074, 0.3497,
0.3855

11.5545, 0.2027,
0.1536

96.3676, 0.3532,
0.3959

■ 8.4796, 0.1842,
0.1225

■ 6.2412, 0.1689,
0.0963

■ 4.7566, 0.1580,
0.0768

■ 3.9168, 0.1517,
0.0649

Harmonies

Analogous

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



41.7508, 0.2920, 0.3113



41.7508, 0.2997, 0.3088



41.7508, 0.3110, 0.3115

Triad

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



41.7508, 0.2997, 0.3088



41.7508, 0.3362, 0.3387



41.7508, 0.3024, 0.3397

Complementary

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



41.7508, 0.2997, 0.3088



48.6336, 0.3253, 0.3484

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.



41.7508, 0.3141, 0.3474



41.7508, 0.2997, 0.3088



41.7508, 0.3337, 0.3466

Square

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



41.7508, 0.2997, 0.3088



41.7508, 0.3322, 0.3285



41.7508, 0.3256, 0.3499



41.7508, 0.2936, 0.3290

Rectangle

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



41.7508, 0.2997, 0.3088



41.7508, 0.3190, 0.3159



41.7508, 0.3256, 0.3499



41.7508, 0.3062, 0.3427

Sweetspot

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



41.7526, 0.2997, 0.3088



83.7443, 0.3082, 0.3221



47.7409, 0.3005, 0.3304



18.1420, 0.3070, 0.3202



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.



41.7526, 0.2997, 0.3088



72.2562, 0.2971, 0.3047



42.1830, 0.3057, 0.3079



9.3157, 0.2984, 0.3067



2.6802, 0.1513, 0.0645



0.1371, 0.1560, 0.0816

Inverse Universe

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



42.6791, 0.3264, 0.3278



74.2178, 0.3294, 0.3275



48.1913, 0.3193, 0.3500



9.5455, 0.3279, 0.3276



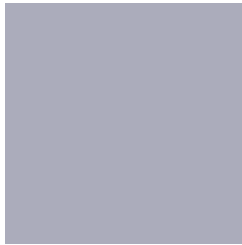
7.3003, 0.6324, 0.3258



0.2892, 0.6044, 0.3103

Previews

White Background



This preview shows how the Yxy color 41.7508, 0.2997, 0.3088 looks on a white background.

Color Contrast Check

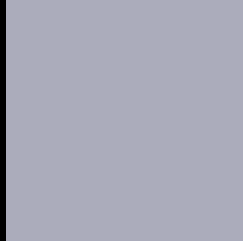
Large Text (above 18pt) WCAG AA × Fail

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 41.7508, 0.2997, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

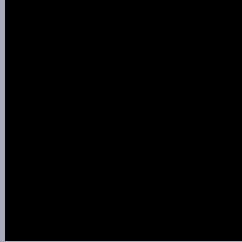
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

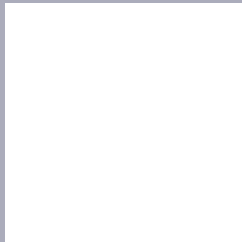
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7508, 0.2997, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 41.7508, 0.2997, 0.3088.

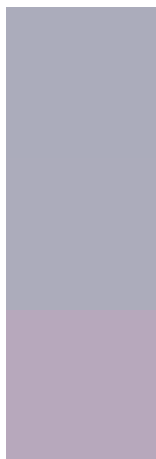


This preview shows how white text looks on a background with the Yxy color 41.7508, 0.2997, 0.3088.

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

41.7508, 0.2997, 0.3088

Protanopia

41.8636, 0.3005, 0.3089

Deuteranopia

41.7034, 0.3094, 0.3029



Tritanopia

41.7081, 0.3005, 0.3101

Trichromacy



Original Color

41.7508, 0.2997, 0.3088

Protanomaly

41.8636, 0.3005, 0.3089

Deuteranomaly

41.5905, 0.3059, 0.3039

Tritanomaly

41.7081, 0.3005, 0.3101

Monochromacy



Original Color

41.7508, 0.2997, 0.3088

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8721, 0.3077, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7508, 0.2997, 0.3088 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(171, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(171, 172, 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(171, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 172, 187) }
```

Border

The CSS property to change the border of an element to Yxy 41.7508, 0.2997, 0.3088 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(171, 172, 187) }
```

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

```
.border{ border-color:rgb(171, 172, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(171, 172,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7508, 0.2997, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 172, 187) }
```

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

```
.background{ background-color: rgb(171,  
172, 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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