

Converting Colors

$Yxy(41.1004, 0.3135, 0.3023)$

Have a look what the booklet for
Yxy(41.1004, 0.3135, 0.3023)
contains.

Yxy(41.2567, 0.3139, 0.3030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.2567, 0.3139, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	BAA6BA
RGB	186, 166, 186
RGB Percent	73%, 65%, 73%
CMY	0.2708, 0.3489, 0.2706
CMYK	0.00, 0.11, 0.00, 0.27
HSL	300°, 13%, 69%
HSV	300°, 11%, 73%
XYZ	42.7409, 41.2567, 52.1632
YIQ	174.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

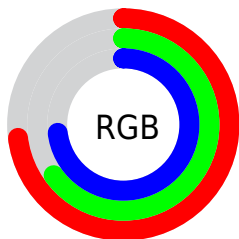
Format	Color
R _Y B	186, 166, 186
Decimal	12232378
CIE Lab	70.36, 10.84, -7.61
CIE LCh	70, 13.244, 324.953
Yxy	41.2567, 0.3139, 0.3030
Android (android.graphics.Color)	4290422458 (0xFFBAA6BA)
YUV	174.2600, 5.7878, 10.2960
Hunter-Lab	64.2314, 6.3726, -3.1882

Details

The Yxy color $41.2567, 0.3139, 0.3030$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.9841, 0.3115, 0.3564$, and the grayscale version is $42.4342, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0010, 0.3137, 0.3077$, and $18.7146, 0.3143, 0.2952$ is the 20% darker color. If you saturate the color by 10%, you get $34.9726, 0.3150, 0.2783$, and if you desaturate by 10%, it is $48.5224, 0.3128, 0.3272$.

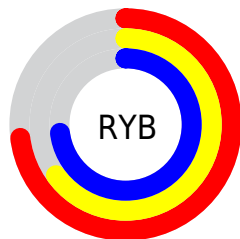
Distribution



Red (73%)

Green (65%)

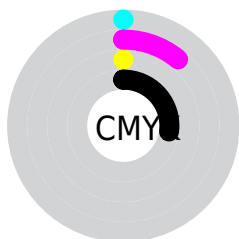
Blue (73%)



Red (73%)

Yellow (65%)

Blue (73%)

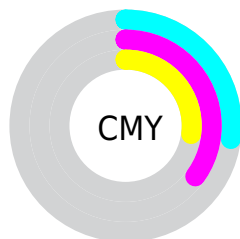


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2567, 0.3139, 0.3030 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 41.2567, 0.3139, 0.3030 by changing the saturation by 10% instead.


 41.2567, 0.3139,
0.3030


 41.2567, 0.3139,
0.3030

351.3923, 0.3134,
0.3160

 28.5197, 0.3140,
0.2997


 77.0734, 0.3137,
0.3077

 18.7178, 0.3141,
0.2956


 100.9219, 0.3137,
0.3095

 11.4665, 0.3142,
0.2900


129.2431, 0.3136,
0.3110

 6.3816, 0.3143,
0.2822

162.4213, 0.3136,
0.3123

 3.0785, 0.3142,
0.2705

200.8409, 0.3135,
0.3134

 1.1728, 0.3138,
0.2512

244.8864, 0.3135,

 0.0393, 0.3298,

0.3144

0.0430

294.9421, 0.3134,
0.3153

0.0000, 0.0000,
0.0000

41.2567, 0.3139,
0.3030

41.2567, 0.3139,
0.3030

34.9726, 0.3150,
0.2783

48.5224, 0.3128,
0.3272

29.6229, 0.3161,
0.2537

56.8035, 0.3117,
0.3505

25.1647, 0.3172,
0.2302

66.1390, 0.3107,
0.3723

21.5494, 0.3181,
0.2086

76.5642, 0.3098,
0.3926

18.7239, 0.3190,
0.1899

85.5219, 0.3091,
0.4073

■ 16.6292, 0.3196,
0.1749

■ 85.5265, 0.3091,
0.4073

■ 15.1979, 0.3201,
0.1640

■ 85.5311, 0.3092,
0.4073

■ 14.3502, 0.3203,
0.1572

■ 85.5356, 0.3092,
0.4073

■ 13.9382, 0.3204,
0.1539

■ 85.5402, 0.3092,
0.4073

Harmonies

Analogous

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



41.2567, 0.2951, 0.2969



41.2567, 0.3139, 0.3030



41.2567, 0.3329, 0.3155

Triad

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



41.2567, 0.3139, 0.3030



41.2567, 0.3447, 0.3592



41.2567, 0.2799, 0.3249

Complementary

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



41.2567, 0.3139, 0.3030



45.9841, 0.3115, 0.3564

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.



41.2567, 0.2925, 0.3429



41.2567, 0.3139, 0.3030



41.2567, 0.3298, 0.3631

Square

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



41.2567, 0.3139, 0.3030



41.2567, 0.3509, 0.3475



41.2567, 0.3106, 0.3571



41.2567, 0.2759, 0.3088

Rectangle

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



41.2567, 0.3139, 0.3030



41.2567, 0.3429, 0.3260



41.2567, 0.3106, 0.3571



41.2567, 0.2832, 0.3310

Sweetspot

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



41.2585, 0.3139, 0.3030



84.7515, 0.3130, 0.3217



39.0549, 0.2961, 0.3020



18.4216, 0.3131, 0.3198



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.



41.2585, 0.3139, 0.3030



71.8045, 0.3142, 0.2969



40.8665, 0.3223, 0.3154



9.1618, 0.3137, 0.3065



9.3778, 0.3204, 0.1539



0.3309, 0.3206, 0.1540

Inverse Universe

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



40.4737, 0.3315, 0.3290



70.0837, 0.3365, 0.3290



46.3477, 0.3041, 0.3430



9.0125, 0.3287, 0.3290



7.0238, 0.6398, 0.3298



0.2477, 0.6388, 0.3292

Previews

White Background



This preview shows how the Yxy color 41.2567, 0.3139, 0.3030 looks on a white background.

Color Contrast Check

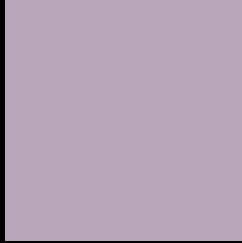
Large Text (above 18pt) WCAG AA × Fail

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 41.2567, 0.3139, 0.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

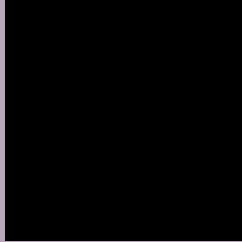
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2567, 0.3139, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 41.2567, 0.3139, 0.3030.



This preview shows how white text looks on a background with the Yxy color 41.2567, 0.3139, 0.3030.

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

41.2567, 0.3139, 0.3030

Protanopia

41.3460, 0.2972, 0.3048

Deuteranopia

41.2499, 0.3112, 0.3041



Tritanopia

41.2470, 0.3181, 0.3119

Trichromacy



Original Color

41.2567, 0.3139, 0.3030

Protanomaly

41.2369, 0.3032, 0.3037

Deuteranomaly

41.3730, 0.3121, 0.3042

Tritanomaly

41.3291, 0.3164, 0.3093

Monochromacy



Original Color

41.2567, 0.3139, 0.3030

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8051, 0.3132, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2567, 0.3139, 0.3030 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(186, 166, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 166, 186)  
}
```

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(186, 166, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 166, 186) }
```

Border

The CSS property to change the border of an element to Yxy 41.2567, 0.3139, 0.3030 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(186, 166, 186) }
```

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

```
.border{ border-color:rgb(186, 166, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 166, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 166, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 166, 186);  
box-shadow:4px 4px 4px 4px rgb(186, 166,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2567, 0.3139, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 166, 186) }
```

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

```
.background{ background-color: rgb(186,  
166, 186) }
```

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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