

Converting Colors

$Y_{xy}(41.6584, 0.3101, 0.3002)$

Have a look what the booklet for
Yxy(41.6584, 0.3101, 0.3002)
contains.

Yxy(41.6258, 0.3104, 0.3004)	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(41.6258, 0.3104, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	B9A7BD
RGB	185, 167, 189
RGB Percent	73%, 65%, 74%
CMY	0.2746, 0.3451, 0.2587
CMYK	0.02, 0.12, 0.00, 0.26
HSL	289°, 14%, 70%
HSV	289°, 12%, 74%
XYZ	43.0115, 41.6258, 53.9306
YIQ	174.8900, 3.6660, 10.6580

Conversions

Conversions Part 2

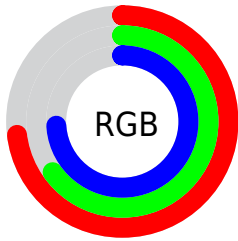
Format	Color
R_{YB}	185, 167, 189
Decimal	12167101
CIE _{Lab}	70.61, 10.54, -8.91
CIE _{LCh}	71, 13.804, 319.796
Yxy	41.6258, 0.3104, 0.3004
Android (android.graphics.Color)	4290357181 (0xFFB9A7BD)
YUV	174.8900, 6.9562, 8.8665
Hunter-Lab	64.5181, 6.0918, -4.3979

Details

The Yxy color $41.6258, 0.3104, 0.3004$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.8643, 0.3147, 0.3587$, and the grayscale version is $42.7726, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5359, 0.3110, 0.3057$, and $18.9446, 0.3094, 0.2918$ is the 20% darker color. If you saturate the color by 10%, you get $34.7731, 0.3079, 0.2747$, and if you desaturate by 10%, it is $49.5051, 0.3124, 0.3251$.

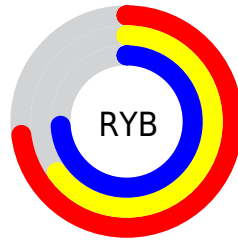
Distribution



Red (73%)

Green (65%)

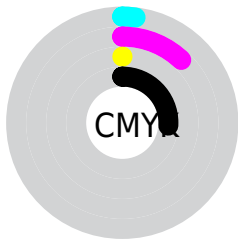
Blue (74%)



Red (73%)

Yellow (65%)

Blue (74%)

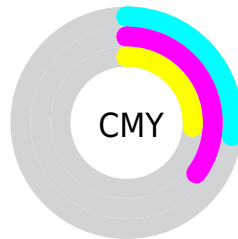


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (27%)

Magenta (35%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6258, 0.3104, 0.3004 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 41.6258, 0.3104, 0.3004 by changing the saturation by 10% instead.


 41.6258, 0.3104,
0.3004


 41.6258, 0.3104,
0.3004

352.9294, 0.3117,
0.3147

 28.8084, 0.3100,
0.2968


 77.6330, 0.3109,
0.3056

 18.9359, 0.3095,
0.2923


 101.5915, 0.3111,
0.3075

 11.6240, 0.3088,
0.2862


130.0326, 0.3112,
0.3092

 6.4882, 0.3077,
0.2777

163.3406, 0.3114,
0.3106

 3.1441, 0.3059,
0.2651

201.8998, 0.3115,
0.3118

 1.2074, 0.3024,
0.2444

246.0948, 0.3116,

 0.0678, 0.2962,

0.3129

0.0624

296.3099, 0.3116,
0.3138

0.0000, 0.0000,
0.0000

41.6258, 0.3104,
0.3004

41.6258, 0.3104,
0.3004

34.7731, 0.3079,
0.2747

49.5051, 0.3124,
0.3251

28.8977, 0.3049,
0.2487

58.4467, 0.3140,
0.3483

23.9544, 0.3014,
0.2230

68.4913, 0.3153,
0.3699

19.8924, 0.2975,
0.1987

79.6758, 0.3162,
0.3897

16.6558, 0.2931,
0.1768

87.8025, 0.3174,
0.4015

■ 14.1823, 0.2884,
0.1584

■ 88.2939, 0.3196,
0.4011

■ 12.4007, 0.2836,
0.1441

■ 88.7963, 0.3218,
0.4006

■ 11.2262, 0.2787,
0.1342

■ 89.3097, 0.3240,
0.4001

■ 10.5734, 0.2747,
0.1287

■ 89.8343, 0.3262,
0.3996

Harmonies

Analogous

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



41.6258, 0.2915, 0.2954



41.6258, 0.3104, 0.3004



41.6258, 0.3305, 0.3124

Triad

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



41.6258, 0.3104, 0.3004



41.6258, 0.3478, 0.3588



41.6258, 0.2803, 0.3280

Complementary

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



41.6258, 0.3104, 0.3004



47.8643, 0.3147, 0.3587

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.



41.6258, 0.2946, 0.3464



41.6258, 0.3104, 0.3004



41.6258, 0.3335, 0.3644

Square

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



41.6258, 0.3104, 0.3004



41.6258, 0.3525, 0.3455



41.6258, 0.3140, 0.3600



41.6258, 0.2745, 0.3105

Rectangle

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



41.6258, 0.3104, 0.3004



41.6258, 0.3417, 0.3229



41.6258, 0.3140, 0.3600



41.6258, 0.2843, 0.3343

Sweetspot

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



41.6276, 0.3104, 0.3004



86.5480, 0.3122, 0.3217



41.1733, 0.2947, 0.3051



18.3566, 0.3120, 0.3197



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.



41.6276, 0.3104, 0.3004



71.1984, 0.3098, 0.2939



41.8578, 0.3197, 0.3090



9.6052, 0.3109, 0.3062



7.1420, 0.2753, 0.1290



0.3032, 0.2869, 0.1354

Inverse Universe

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



41.4052, 0.3297, 0.3237



70.7317, 0.3341, 0.3225



47.6670, 0.3064, 0.3498



9.5643, 0.3260, 0.3248



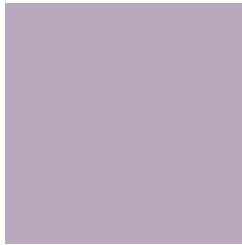
7.3683, 0.6092, 0.3130



0.2975, 0.5459, 0.2781

Previews

White Background



This preview shows how the Yxy color 41.6258, 0.3104, 0.3004 looks on a white background.

Color Contrast Check

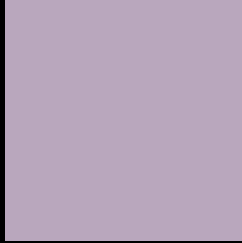
Large Text (above 18pt) WCAG AA × Fail

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 41.6258, 0.3104, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

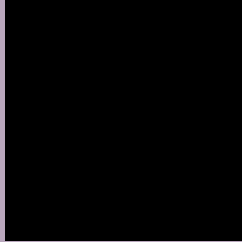
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6258, 0.3104, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 41.6258, 0.3104, 0.3004.



This preview shows how white text looks on a background with the Yxy color 41.6258, 0.3104, 0.3004.

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

41.6258, 0.3104, 0.3004

Protanopia

41.8569, 0.2949, 0.3022

Deuteranopia

41.6245, 0.3077, 0.3015



Tritanopia

41.5318, 0.3162, 0.3119

Trichromacy



Original Color

41.6258, 0.3104, 0.3004

Protanomaly

41.6250, 0.2999, 0.3011

Deuteranomaly

41.7467, 0.3086, 0.3016

Tritanomaly

41.6563, 0.3137, 0.3080

Monochromacy



Original Color

41.6258, 0.3104, 0.3004

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3840, 0.3123, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6258, 0.3104, 0.3004 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(185, 167, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 167, 189)  
}
```

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(185, 167, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 167, 189) }
```

Border

The CSS property to change the border of an element to Yxy 41.6258, 0.3104, 0.3004 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(185, 167, 189) }
```

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

```
.border{ border-color:rgb(185, 167, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 167, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 167, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 167, 189);  
box-shadow:4px 4px 4px 4px rgb(185, 167,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6258, 0.3104, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 167, 189) }
```

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

```
.background{ background-color: rgb(185,  
167, 189) }
```

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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