

Converting Colors

$Yxy(47.0762, 0.3165, 0.3227)$

Have a look what the booklet for
Yxy(47.0762, 0.3165, 0.3227)
contains.

Yxy(46.9641, 0.3165, 0.3226)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.9641, 0.3165, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	BDB4B9
RGB	189, 180, 185
RGB Percent	74%, 71%, 73%
CMY	0.2586, 0.2942, 0.2745
CMYK	0.00, 0.05, 0.02, 0.26
HSL	327°, 6%, 72%
HSV	327°, 5%, 74%
XYZ	46.0761, 46.9641, 52.5398
YIQ	183.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

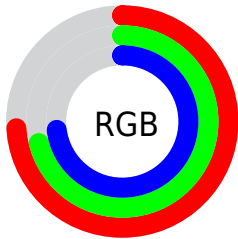
Format	Color
R _Y B	189, 180, 185
Decimal	12432569
CIE Lab	74.17, 4.13, -1.41
CIE LCh	74, 4.364, 341.150
Yxy	46.9641, 0.3165, 0.3226
Android (android.graphics.Color)	4290622649 (0xFFBDB4B9)
YUV	183.2610, 0.8573, 5.0331
Hunter-Lab	68.5304, 0.0855, 2.5157

Details

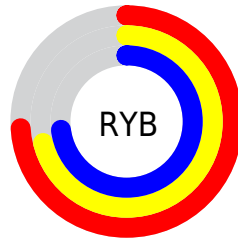
The Yxy color **46.9641, 0.3165, 0.3226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5849, 0.3091, 0.3355**, and the grayscale version is **47.5034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7543, 0.3156, 0.3240**, and **22.0789, 0.3179, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **39.5010, 0.3255, 0.3087**, and if you desaturate by 10%, it is **55.4935, 0.3090, 0.3357**.

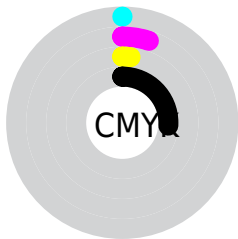
Distribution



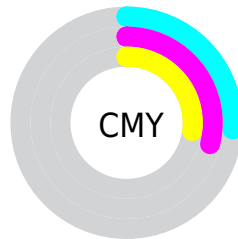
- Red (74%)
- Green (71%)
- Blue (73%)



- Red (74%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.9641, 0.3165, 0.3226 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 46.9641, 0.3165, 0.3226 by changing the saturation by 10% instead.

■ 46.9641, 0.3165,
0.3226

■ 46.9641, 0.3165,
0.3226

374.6712, 0.3146,
0.3258

■ 33.0073, 0.3170,
0.3218

■ 85.6600, 0.3158,
0.3238

■ 22.1320, 0.3176,
0.3208

111.1679, 0.3156,
0.3242

■ 13.9539, 0.3184,
0.3194

141.2950, 0.3153,
0.3246

■ 8.0886, 0.3195,
0.3176

176.4256, 0.3152,
0.3249

■ 4.1517, 0.3211,
0.3148

216.9441, 0.3150,
0.3252

■ 1.7588, 0.3238,
0.3102

263.2349, 0.3149,

■ 0.4613, 0.3367,

0.3254

0.2881

315.6825, 0.3147,
0.3256

0.0000, 0.0000,
0.0000

46.9641, 0.3165,
0.3226

46.9641, 0.3165,
0.3226

39.5010, 0.3255,
0.3087

55.4935, 0.3090,
0.3357

33.0560, 0.3363,
0.2943

65.1231, 0.3027,
0.3479

27.5860, 0.3491,
0.2796

75.8926, 0.2976,
0.3592

23.0425, 0.3640,
0.2655

87.4488, 0.2933,
0.3689

19.3728, 0.3810,
0.2525

87.9041, 0.2888,
0.3593

■ 16.5190, 0.4000,
0.2420

■ 88.3822, 0.2845,
0.3499

■ 14.4159, 0.4206,
0.2349

■ 88.8835, 0.2801,
0.3406

■ 12.9884, 0.4418,
0.2326

■ 89.4082, 0.2759,
0.3315

■ 12.1452, 0.4628,
0.2354

■ 89.5666, 0.2747,
0.3289

Harmonies

Analogous

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



46.9641, 0.3103, 0.3194



46.9641, 0.3165, 0.3226



46.9641, 0.3217, 0.3275

Triad

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



46.9641, 0.3165, 0.3226



46.9641, 0.3206, 0.3395



46.9641, 0.3011, 0.3250

Complementary

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



46.9641, 0.3165, 0.3226



49.5849, 0.3091, 0.3355

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.



46.9641, 0.3038, 0.3305



46.9641, 0.3165, 0.3226



46.9641, 0.3150, 0.3389

Square

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



46.9641, 0.3165, 0.3226



46.9641, 0.3240, 0.3372



46.9641, 0.3089, 0.3356



46.9641, 0.3015, 0.3207

Rectangle

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



46.9641, 0.3165, 0.3226



46.9641, 0.3239, 0.3311



46.9641, 0.3089, 0.3356



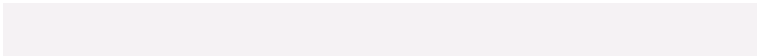
46.9641, 0.3017, 0.3268

Sweetspot

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



46.9661, 0.3165, 0.3226



89.6044, 0.3135, 0.3277



46.4933, 0.3089, 0.3173



19.2859, 0.3134, 0.3277



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.



46.9661, 0.3165, 0.3226



82.2199, 0.3176, 0.3208



46.7823, 0.3201, 0.3282



10.0982, 0.3180, 0.3202



7.9760, 0.4711, 0.2369



0.3254, 0.4258, 0.2119

Inverse Universe

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



46.9661, 0.3165, 0.3226



82.2199, 0.3176, 0.3208



49.7732, 0.3058, 0.3298



10.0982, 0.3180, 0.3202



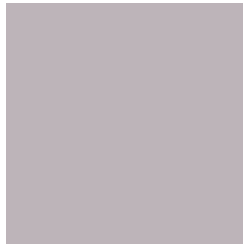
7.9760, 0.4711, 0.2369



0.3254, 0.4258, 0.2119

Previews

White Background



This preview shows how the Yxy color 46.9641, 0.3165, 0.3226 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 46.9641, 0.3165, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

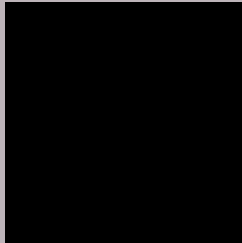
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

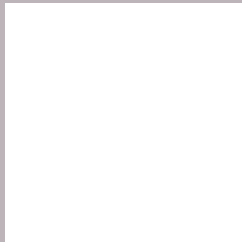
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.9641, 0.3165, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 46.9641, 0.3165, 0.3226.



This preview shows how white text looks on a background with the Yxy color 46.9641, 0.3165, 0.3226.

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

46.9641, 0.3165, 0.3226

Protanopia

46.7833, 0.3113, 0.3226

Deuteranopia

46.9952, 0.3238, 0.3178



Tritanopia

47.0376, 0.3110, 0.3114

Trichromacy



Original Color

46.9641, 0.3165, 0.3226

Protanomaly

47.0320, 0.3130, 0.3226

Deuteranomaly

46.9881, 0.3210, 0.3190

Tritanomaly

46.9051, 0.3134, 0.3151

Monochromacy



Original Color

46.9641, 0.3165, 0.3226

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.2309, 0.3137, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9641, 0.3165, 0.3226 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(189, 180, 185)` looks like.

```
.text, #text, p{  
    color:rgb(189, 180, 185)  
}
```

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(189, 180, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 180, 185) }
```

Border

The CSS property to change the border of an element to Yxy 46.9641, 0.3165, 0.3226 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(189, 180, 185) }
```

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

```
.border{ border-color:rgb(189, 180, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 180, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 180, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 180, 185);  
box-shadow:4px 4px 4px 4px rgb(189, 180,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9641, 0.3165, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 180, 185) }
```

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

```
.background{ background-color: rgb(189,  
180, 185) }
```

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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