

Converting Colors

$Yxy(46.0785, 0.3182, 0.3226)$

Have a look what the booklet for
Yxy(46.0785, 0.3182, 0.3226)
contains.

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Color

Yxy(46.0785, 0.3182, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	BDB2B7
RGB	189, 178, 183
RGB Percent	74%, 70%, 72%
CMY	0.2589, 0.3019, 0.2823
CMYK	0.00, 0.06, 0.03, 0.26
HSL	333°, 8%, 72%
HSV	333°, 6%, 74%
XYZ	45.4500, 46.0785, 51.3063
YIQ	181.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

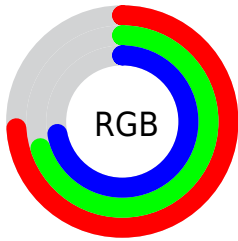
Format	Color
R _Y B	189, 178, 183
Decimal	12432055
CIE Lab	73.60, 4.80, -1.16
CIE LCh	74, 4.938, 346.464
Yxy	46.0785, 0.3182, 0.3226
Android (android.graphics.Color)	4290622135 (0xFFBDB2B7)
YUV	181.8590, 0.5625, 6.2627
Hunter-Lab	67.8811, 0.7232, 2.7040

Details

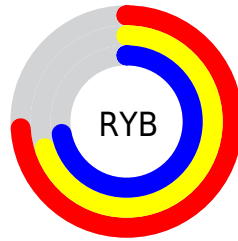
The Yxy color $46.0785, 0.3182, 0.3226$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.3096, 0.3075, 0.3355$, and the grayscale version is $46.6930, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.4901, 0.3170, 0.3240$, and $21.5132, 0.3203, 0.3203$ is the 20% darker color. If you saturate the color by 10%, you get $38.6584, 0.3292, 0.3110$, and if you desaturate by 10%, it is $54.5698, 0.3091, 0.3335$.

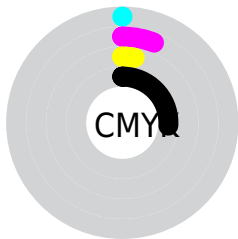
Distribution



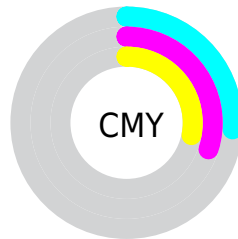
- Red (74%)
- Green (70%)
- Blue (72%)



- Red (74%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (26%)




- Cyan (26%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0785, 0.3182, 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 46.0785, 0.3182, 0.3226 by changing the saturation by 10% instead.

 46.0785, 0.3182,
0.3226

 46.0785, 0.3182,
0.3226

371.1242, 0.3155,
0.3258

 32.3078, 0.3189,
0.3218


 84.3365, 0.3172,
0.3238

 21.5967, 0.3198,
0.3208

109.5925, 0.3168,
0.3242

 13.5609, 0.3209,
0.3194


139.4457, 0.3165,
0.3246

 7.8159, 0.3226,
0.3175

174.2806, 0.3162,
0.3249

 3.9774, 0.3250,
0.3147

214.4815, 0.3160,
0.3252

 1.6609, 0.3291,
0.3099

260.4328, 0.3158,

 0.3981, 0.3520,

0.3254

0.2828

312.5189, 0.3156,
0.3256

0.0000, 0.0000,
0.0000

46.0785, 0.3182,
0.3226

46.0785, 0.3182,
0.3226

38.6584, 0.3292,
0.3110

54.5698, 0.3091,
0.3335

32.2607, 0.3425,
0.2990

64.1665, 0.3016,
0.3436

26.8417, 0.3584,
0.2868

74.9090, 0.2954,
0.3529

22.3524, 0.3772,
0.2751

86.8334, 0.2904,
0.3614

18.7393, 0.3989,
0.2646

88.2972, 0.2851,
0.3513

■ 15.9435, 0.4234,
0.2564

■ 88.9061, 0.2798,
0.3400

■ 13.8988, 0.4499,
0.2519

■ 89.5497, 0.2747,
0.3290

■ 12.5283, 0.4772,
0.2522

■ 89.5554, 0.2747,
0.3289

■ 11.7358, 0.5037,
0.2578

Harmonies

Analogous

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



46.0785, 0.3112, 0.3185



46.0785, 0.3182, 0.3226



46.0785, 0.3237, 0.3284

Triad

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



46.0785, 0.3182, 0.3226



46.0785, 0.3207, 0.3411



46.0785, 0.2994, 0.3234

Complementary

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



46.0785, 0.3182, 0.3226



49.3096, 0.3075, 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.



46.0785, 0.3018, 0.3295



46.0785, 0.3182, 0.3226



46.0785, 0.3141, 0.3398

Square

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



46.0785, 0.3182, 0.3226



46.0785, 0.3252, 0.3390



46.0785, 0.3072, 0.3356



46.0785, 0.3004, 0.3189

Rectangle

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



46.0785, 0.3182, 0.3226



46.0785, 0.3258, 0.3324



46.0785, 0.3072, 0.3356



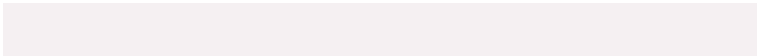
46.0785, 0.2998, 0.3254

Sweetspot

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



46.0805, 0.3182, 0.3226



88.0594, 0.3146, 0.3268



45.6913, 0.3090, 0.3149



18.9704, 0.3145, 0.3269



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.



46.0805, 0.3182, 0.3226



80.7050, 0.3195, 0.3211



46.0214, 0.3223, 0.3295



9.9250, 0.3199, 0.3207



7.7494, 0.5116, 0.2592



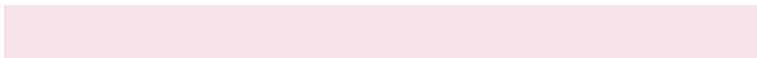
0.3168, 0.4544, 0.2277

Inverse Universe

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



46.0805, 0.3182, 0.3226



80.7050, 0.3195, 0.3211



49.3662, 0.3038, 0.3285



9.9250, 0.3199, 0.3207



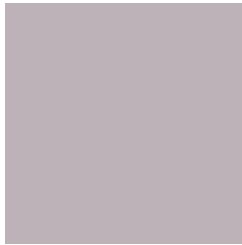
7.7494, 0.5116, 0.2592



0.3168, 0.4544, 0.2277

Previews

White Background



This preview shows how the Yxy color 46.0785, 0.3182, 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 46.0785, 0.3182, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

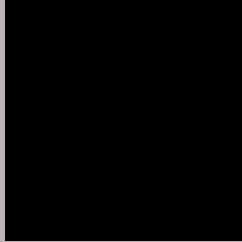
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

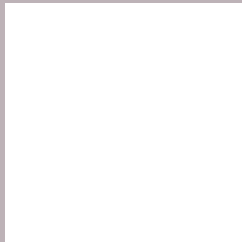
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0785, 0.3182, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 46.0785, 0.3182, 0.3226.



This preview shows how white text looks on a background with the Yxy color 46.0785, 0.3182, 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

46.0785, 0.3182, 0.3226

Protanopia

46.1705, 0.3121, 0.3238

Deuteranopia

45.9910, 0.3248, 0.3177



Tritanopia

46.1530, 0.3127, 0.3113

Trichromacy



Original Color

46.0785, 0.3182, 0.3226

Protanomaly

46.0152, 0.3139, 0.3225

Deuteranomaly

45.9807, 0.3220, 0.3189

Tritanomaly

46.0223, 0.3151, 0.3150

Monochromacy



Original Color

46.0785, 0.3182, 0.3226

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.7394, 0.3153, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0785, 0.3182, 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, 178, 183)` looks like.

```
.text, #text, p{  
    color:rgb(189, 178, 183)  
}
```

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, 178, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 178, 183) }
```

Border

The CSS property to change the border of an element to Yxy 46.0785, 0.3182, 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, 178, 183) }
```

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

```
.border{ border-color:rgb(189, 178, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 178, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 178, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 178, 183);  
box-shadow:4px 4px 4px 4px rgb(189, 178,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0785, 0.3182, 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, 178, 183) }
```

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

```
.background{ background-color: rgb(189,  
178, 183) }
```

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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