

Converting Colors

$Yxy(46.5393, 0.3213, 0.3224)$

Have a look what the booklet for
Yxy(46.5393, 0.3213, 0.3224)
contains.

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Color

Yxy(46.5971, 0.3217, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	C1B2B7
RGB	193, 178, 183
RGB Percent	76%, 70%, 72%
CMY	0.2433, 0.3019, 0.2823
CMYK	0.00, 0.08, 0.05, 0.24
HSL	340°, 11%, 73%
HSV	340°, 8%, 76%
XYZ	46.4527, 46.5971, 51.3478
YIQ	183.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

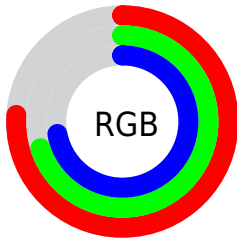
Format	Color
RYB	193, 178, 183
Decimal	12694199
CIELab	73.93, 6.21, -0.62
CIElCh	74, 6.243, 354.297
Yxy	46.5971, 0.3217, 0.3227
Android (android.graphics.Color)	4290884279 (0xFFC1B2B7)
YUV	183.0550, -0.0271, 8.7218
Hunter-Lab	68.2621, 2.0116, 3.1846

Details

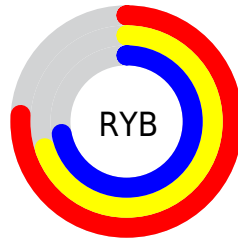
The Yxy color $46.5971, 0.3217, 0.3227$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.2194, 0.3045, 0.3354$, and the grayscale version is $47.3815, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.2174, 0.3197, 0.3241$, and $21.7679, 0.3240, 0.3204$ is the 20% darker color. If you saturate the color by 10%, you get $38.9408, 0.3356, 0.3141$, and if you desaturate by 10%, it is $55.3865, 0.3104, 0.3308$.

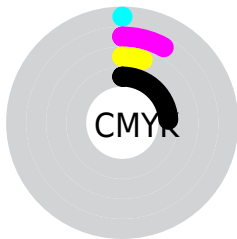
Distribution



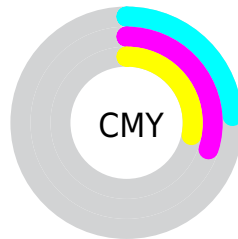
- Red (76%)
- Green (70%)
- Blue (72%)



- Red (76%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (24%)





- Cyan (24%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5971, 0.3217, 0.3227 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 46.5971, 0.3217, 0.3227 by changing the saturation by 10% instead.


 46.5971, 0.3217,
0.3227

 46.5971, 0.3217,
0.3227

373.2040, 0.3172,
0.3259

 32.7173, 0.3228,
0.3219


 85.1119, 0.3201,
0.3238

 21.9099, 0.3243,
0.3209


110.5157, 0.3195,
0.3243

 13.7907, 0.3262,
0.3196


140.5295, 0.3189,
0.3246

 7.9753, 0.3289,
0.3177

175.5379, 0.3185,
0.3250

 4.0791, 0.3329,
0.3149

215.9251, 0.3181,
0.3252

 1.7179, 0.3396,
0.3103

262.0756, 0.3178,

 0.4352, 0.3725,

0.3255

0.2867

314.3738, 0.3175,
0.3257

0.0000, 0.0000,
0.0000

46.5971, 0.3217,
0.3227

46.5971, 0.3217,
0.3227

38.9408, 0.3356,
0.3141

55.3865, 0.3104,
0.3308

32.3653, 0.3525,
0.3052

65.3464, 0.3011,
0.3382

26.8234, 0.3730,
0.2962

76.5199, 0.2935,
0.3451

22.2619, 0.3975,
0.2877

88.8174, 0.2872,
0.3511

18.6227, 0.4261,
0.2806

89.5852, 0.2806,
0.3371

■ 15.8418, 0.4582,
0.2759

■ 90.0723, 0.2768,
0.3289

■ 13.8467, 0.4926,
0.2748

■ 12.5528, 0.5267,
0.2783

■ 11.8358, 0.5579,
0.2865

Harmonies

Analogous

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



46.5971, 0.3132, 0.3169



46.5971, 0.3217, 0.3227



46.5971, 0.3279, 0.3302

Triad

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



46.5971, 0.3217, 0.3227



46.5971, 0.3207, 0.3442



46.5971, 0.2958, 0.3202

Complementary

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



46.5971, 0.3217, 0.3227



51.2194, 0.3045, 0.3354

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.



46.5971, 0.2978, 0.3275



46.5971, 0.3217, 0.3227



46.5971, 0.3121, 0.3416

Square

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



46.5971, 0.3217, 0.3227



46.5971, 0.3273, 0.3427



46.5971, 0.3037, 0.3354



46.5971, 0.2983, 0.3154

Rectangle

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



46.5971, 0.3217, 0.3227



46.5971, 0.3297, 0.3352



46.5971, 0.3037, 0.3354



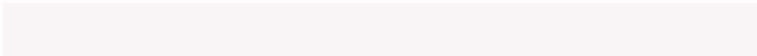
46.5971, 0.2960, 0.3224

Sweetspot

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



46.5991, 0.3217, 0.3227



92.2400, 0.3149, 0.3274



46.3534, 0.3091, 0.3100



19.8235, 0.3148, 0.3275



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.5991, 0.3217, 0.3227



81.4610, 0.3235, 0.3215



47.2945, 0.3256, 0.3319



10.1321, 0.3238, 0.3213



7.8036, 0.5613, 0.2866



0.3501, 0.4975, 0.2514

Inverse Universe

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



46.5991, 0.3217, 0.3227



81.4610, 0.3235, 0.3215



50.4549, 0.3009, 0.3261



10.1321, 0.3238, 0.3213



7.8036, 0.5613, 0.2866



0.3501, 0.4975, 0.2514

Previews

White Background



This preview shows how the Yxy color 46.5971, 0.3217, 0.3227 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 46.5971, 0.3217, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

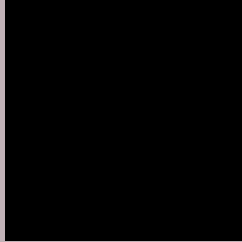
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5971, 0.3217, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 46.5971, 0.3217, 0.3227.



This preview shows how white text looks on a background with the Yxy color 46.5971, 0.3217, 0.3227.

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

46.5971, 0.3217, 0.3227

Protanopia

46.7409, 0.3121, 0.3238

Deuteranopia

46.4753, 0.3264, 0.3203



Tritanopia

46.6752, 0.3161, 0.3115

Trichromacy



Original Color

46.5971, 0.3217, 0.3227

Protanomaly

46.6680, 0.3155, 0.3239

Deuteranomaly

46.5989, 0.3245, 0.3215

Tritanomaly

46.5445, 0.3186, 0.3152

Monochromacy



Original Color

46.5971, 0.3217, 0.3227

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.0314, 0.3163, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5971, 0.3217, 0.3227 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(193, 178, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 178, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 178, 183) }
```

Border

The CSS property to change the border of an element to Yxy 46.5971, 0.3217, 0.3227 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(193, 178, 183) }
```

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

```
.border{ border-color:rgb(193, 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(193, 178, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 178, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 178, 183);  
box-shadow:4px 4px 4px 4px rgb(193, 178,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5971, 0.3217, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 178, 183) }
```

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

```
.background{ background-color: rgb(193,  
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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