

Converting Colors

Yxy(47.9186, 0.2815, 0.3043)

Have a look what the booklet for
Yxy(47.9186, 0.2815, 0.3043)
contains.

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Color

Yxy(47.9962, 0.2817, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	A5BBCE
RGB	165, 187, 206
RGB Percent	65%, 73%, 81%
CMY	0.3528, 0.2667, 0.1923
CMYK	0.20, 0.09, 0.00, 0.19
HSL	208°, 29%, 73%
HSV	208°, 20%, 81%
XYZ	44.4316, 47.9962, 65.2988
YIQ	182.5880, -19.2110, 1.2450

Conversions

Conversions Part 2

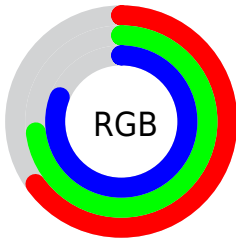
Format	Color
RYB	165, 179, 206
Decimal	10861518
CIELab	74.82, -3.43, -12.07
CIELCh	75, 12.546, 254.151
Yxy	47.9962, 0.2817, 0.3043
Android (android.graphics.Color)	4289051598 (0xFFA5BBCE)
YUV	182.5880, 11.5421, -15.4247
Hunter-Lab	69.2793, -6.7596, -7.3880

Details

The Yxy color **47.9962, 0.2817, 0.3043** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1261, 0.3473, 0.3525**, and the grayscale version is **47.0641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5368, 0.2913, 0.3167**, and **22.8279, 0.2733, 0.2971** is the 20% darker color. If you saturate the color by 10%, you get **42.0455, 0.2656, 0.2899**, and if you desaturate by 10%, it is **54.5761, 0.2975, 0.3174**.

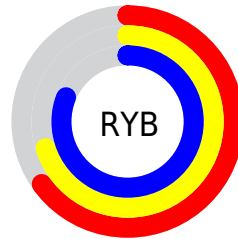
Distribution



Red (65%)

Green (73%)

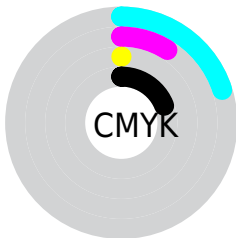
Blue (81%)



Red (65%)

Yellow (70%)

Blue (81%)

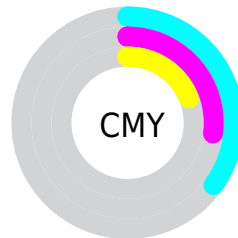


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (19%)



Cyan (35%)


Magenta (27%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9962, 0.2817, 0.3043 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 47.9962, 0.2817, 0.3043 by changing the saturation by 10% instead.


 47.9962, 0.2817,
0.3043


 47.9962, 0.2817,
0.3043


378.7771, 0.2970,
0.3166

 33.8239, 0.2780,
0.3012


 87.1987, 0.2872,
0.3088

 22.7583, 0.2732,
0.2973


 112.9978, 0.2893,
0.3105

 14.4152, 0.2669,
0.2921


143.4411, 0.2911,
0.3119

 8.4100, 0.2583,
0.2849

178.9132, 0.2926,
0.3131

 4.3584, 0.2457,
0.2742

219.7985, 0.2939,
0.3142

 1.8760, 0.2259,
0.2570

266.4813, 0.2951,

 0.5339, 0.1723,

0.3151

0.2170

319.3460, 0.2961,
0.3159

0.0000, 0.0000,
0.0000

47.9962, 0.2817,
0.3043

47.9962, 0.2817,
0.3043

42.0455, 0.2656,
0.2899

54.5761, 0.2975,
0.3174

36.6959, 0.2497,
0.2742

61.8001, 0.3129,
0.3291

31.9255, 0.2343,
0.2575

69.6901, 0.3276,
0.3396

27.7088, 0.2199,
0.2399

78.2649, 0.3416,
0.3489

24.0177, 0.2069,
0.2219

84.9870, 0.3454,
0.3579

■ 20.8206, 0.1959,
0.2038

■ 90.5954, 0.3437,
0.3671

■ 18.0812, 0.1871,
0.1861

■ 96.5017, 0.3420,
0.3760

■ 15.7378, 0.1803,
0.1691

■ 97.2351, 0.3418,
0.3771

■ 15.7098, 0.1803,
0.1689

Harmonies

Analogous

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



47.9962, 0.2798, 0.3157



47.9962, 0.2817, 0.3043



47.9962, 0.2917, 0.2998

Triad

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



47.9962, 0.2817, 0.3043



47.9962, 0.3396, 0.3260



47.9962, 0.3172, 0.3572

Complementary

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



47.9962, 0.2817, 0.3043



50.1261, 0.3473, 0.3525

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.



47.9962, 0.3336, 0.3594



47.9962, 0.2817, 0.3043



47.9962, 0.3468, 0.3408

Square

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



47.9962, 0.2817, 0.3043



47.9962, 0.3250, 0.3122



47.9962, 0.3446, 0.3532



47.9962, 0.3000, 0.3467

Rectangle

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



47.9962, 0.2817, 0.3043



47.9962, 0.3018, 0.3010



47.9962, 0.3446, 0.3532



47.9962, 0.3230, 0.3589

Sweetspot

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



47.9982, 0.2817, 0.3043



92.7699, 0.3034, 0.3220



55.5730, 0.2978, 0.3583



19.6932, 0.3024, 0.3212



0.0000, 0.0000, 0.0000



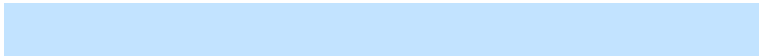
21.4041, 0.3127, 0.3290

Same Dimension

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



47.9982, 0.2817, 0.3043



73.3960, 0.2746, 0.2981



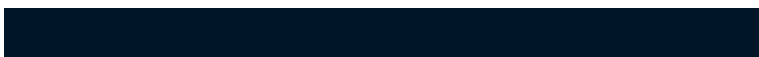
40.1287, 0.2800, 0.2775



11.8239, 0.2983, 0.3180



9.8722, 0.1809, 0.1714



0.6603, 0.1902, 0.2048

Inverse Universe

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



43.6314, 0.3315, 0.3021



65.2800, 0.3367, 0.2958



58.9886, 0.3428, 0.3758



11.3126, 0.3208, 0.3166



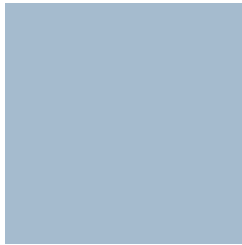
8.7996, 0.4790, 0.2412



0.4692, 0.4399, 0.2197

Previews

White Background



This preview shows how the Yxy color 47.9962, 0.2817, 0.3043 looks on a white background.

Color Contrast Check

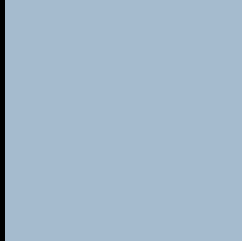
Large Text (above 18pt) WCAG AA × Fail

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 47.9962, 0.2817, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

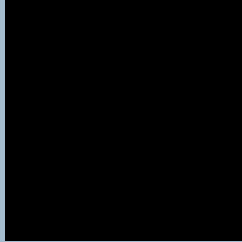
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

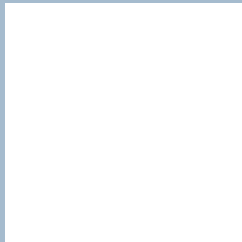
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9962, 0.2817, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 47.9962, 0.2817, 0.3043.



This preview shows how white text looks on a background with the Yxy color 47.9962, 0.2817, 0.3043.

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

47.9962, 0.2817, 0.3043

Protanopia

48.0025, 0.2959, 0.3037

Deuteranopia

47.8706, 0.3002, 0.2933



Tritanopia

48.1707, 0.2830, 0.3093

Trichromacy



Original Color

47.9962, 0.2817, 0.3043

Protanomaly

47.7546, 0.2904, 0.3034

Deuteranomaly

47.9060, 0.2937, 0.2976

Tritanomaly

48.2186, 0.2824, 0.3081

Monochromacy



Original Color

47.9962, 0.2817, 0.3043

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.2727, 0.3008, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9962, 0.2817, 0.3043 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(165, 187, 206)` looks like.

```
.text, #text, p{  
    color:rgb(165, 187, 206)  
}
```

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(165, 187, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 187, 206) }
```

Border

The CSS property to change the border of an element to Yxy 47.9962, 0.2817, 0.3043 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(165, 187, 206) }
```

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

```
.border{ border-color:rgb(165, 187, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 187, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 187, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 187, 206);  
box-shadow:4px 4px 4px 4px rgb(165, 187,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9962, 0.2817, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 187, 206) }
```

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

```
.background{ background-color: rgb(165,  
187, 206) }
```

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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