

Converting Colors

$Yxy(47.6128, 0.2826, 0.3051)$

Have a look what the booklet for
Yxy(47.6128, 0.2826, 0.3051)
contains.

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Color

Yxy(47.5249, 0.2823, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	A5BACD
RGB	165, 186, 205
RGB Percent	65%, 73%, 80%
CMY	0.3527, 0.2706, 0.1961
CMYK	0.19, 0.09, 0.00, 0.20
HSL	209°, 29%, 73%
HSV	209°, 19%, 80%
XYZ	44.1035, 47.5249, 64.6007
YIQ	181.8870, -18.6150, 1.4570

Conversions

Conversions Part 2

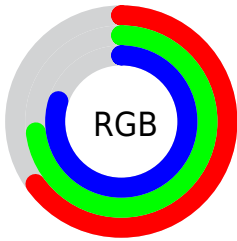
Format	Color
R _Y B	165, 179, 205
Decimal	10861261
CIE Lab	74.52, -3.10, -11.98
CIE LCh	75, 12.374, 255.500
Yxy	47.5249, 0.2823, 0.3042
Android (android.graphics.Color)	4289051341 (0xFFFA5BACD)
YUV	181.8870, 11.3947, -14.8099
Hunter-Lab	68.9383, -6.4461, -7.3027

Details

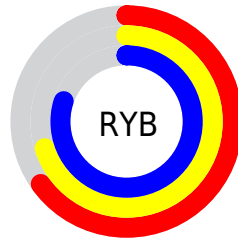
The Yxy color `47.5249, 0.2823, 0.3042` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `50.0038, 0.3464, 0.3526`, and the grayscale version is `46.6647, 0.3127, 0.3290`.

A 20% lighter version of the original color is `85.9399, 0.2913, 0.3156`, and `22.5201, 0.2741, 0.2970` is the 20% darker color. If you saturate the color by 10%, you get `41.5304, 0.2662, 0.2895`, and if you desaturate by 10%, it is `54.1563, 0.2982, 0.3176`.

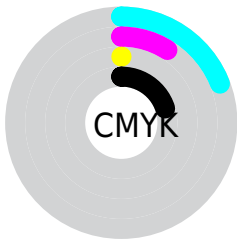
Distribution



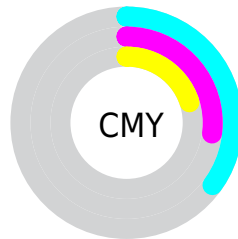
- Red (65%)
- Green (73%)
- Blue (80%)



- Red (65%)
- Yellow (70%)
- Blue (80%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (35%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5249, 0.2823, 0.3042 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 47.5249, 0.2823, 0.3042 by changing the saturation by 10% instead.

■ 47.5249, 0.2823,
0.3042

■ 47.5249, 0.2823,
0.3042

■ 376.9058, 0.2973,
0.3166

■ 33.4508, 0.2786,
0.3011

■ 86.4966, 0.2877,
0.3087

■ 22.4720, 0.2739,
0.2972

■ 112.1630, 0.2898,
0.3104

■ 14.2041, 0.2677,
0.2919

■ 142.4623, 0.2915,
0.3118

■ 8.2628, 0.2592,
0.2846

■ 177.7789, 0.2930,
0.3130

■ 4.2636, 0.2467,
0.2739

■ 218.4971, 0.2943,
0.3141

■ 1.8221, 0.2269,
0.2564

■ 265.0014, 0.2954,

■ 0.5009, 0.1706,

0.3150

0.2133

317.6762, 0.2964,
0.3159

0.0000, 0.0000,
0.0000

47.5249, 0.2823,
0.3042

47.5249, 0.2823,
0.3042

41.5304, 0.2662,
0.2895

54.1563, 0.2982,
0.3176

36.1446, 0.2501,
0.2734

61.4397, 0.3135,
0.3296

31.3456, 0.2345,
0.2563

69.3971, 0.3281,
0.3403

27.1077, 0.2199,
0.2382

78.0474, 0.3420,
0.3497

23.4027, 0.2067,
0.2197

84.9491, 0.3460,
0.3589

■ 20.1992, 0.1954,
0.2011

■ 90.6816, 0.3442,
0.3683

■ 17.4609, 0.1864,
0.1830

■ 96.7249, 0.3425,
0.3774

■ 15.1292, 0.1795,
0.1657

■ 97.1874, 0.3424,
0.3780

■ 15.0157, 0.1791,
0.1648

Harmonies

Analogous

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



47.5249, 0.2800, 0.3152



47.5249, 0.2823, 0.3042



47.5249, 0.2925, 0.3000

Triad

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



47.5249, 0.2823, 0.3042



47.5249, 0.3398, 0.3267



47.5249, 0.3164, 0.3566

Complementary

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



47.5249, 0.2823, 0.3042



50.0038, 0.3464, 0.3526

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.



47.5249, 0.3328, 0.3591



47.5249, 0.2823, 0.3042



47.5249, 0.3466, 0.3413

Square

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



47.5249, 0.2823, 0.3042



47.5249, 0.3257, 0.3129



47.5249, 0.3439, 0.3533



47.5249, 0.2994, 0.3459

Rectangle

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



47.5249, 0.2823, 0.3042



47.5249, 0.3026, 0.3014



47.5249, 0.3439, 0.3533



47.5249, 0.3222, 0.3584

Sweetspot

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



47.5268, 0.2823, 0.3042



92.6551, 0.3034, 0.3218



55.1127, 0.2976, 0.3567



19.6661, 0.3024, 0.3210



0.0000, 0.0000, 0.0000



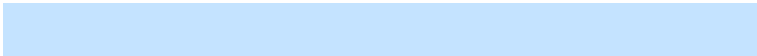
21.4041, 0.3127, 0.3290

Same Dimension

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



47.5268, 0.2823, 0.3042



73.9906, 0.2762, 0.2987



39.8281, 0.2807, 0.2777



11.8008, 0.2983, 0.3177



9.5403, 0.1798, 0.1672



0.6436, 0.1893, 0.2014

Inverse Universe

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



43.4548, 0.3315, 0.3033



66.4490, 0.3360, 0.2980



58.7218, 0.3421, 0.3756



11.3103, 0.3209, 0.3169



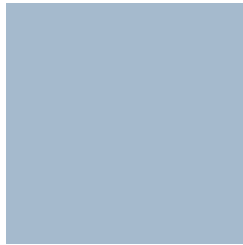
8.7661, 0.4841, 0.2440



0.4675, 0.4437, 0.2218

Previews

White Background



This preview shows how the Yxy color 47.5249, 0.2823, 0.3042 looks on a white background.

Color Contrast Check

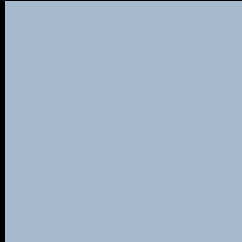
Large Text (above 18pt) WCAG AA × Fail

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 47.5249, 0.2823, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

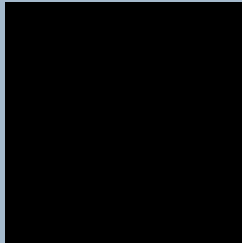
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

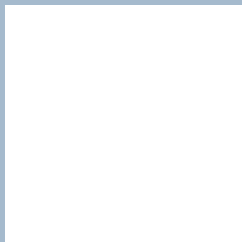
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5249, 0.2823, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 47.5249, 0.2823, 0.3042.



This preview shows how white text looks on a background with the Yxy color 47.5249, 0.2823, 0.3042.

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

47.5249, 0.2823, 0.3042

Protanopia

47.5439, 0.2966, 0.3036

Deuteranopia

47.2929, 0.3001, 0.2932



Tritanopia

47.6502, 0.2843, 0.3106

Trichromacy



Original Color

47.5249, 0.2823, 0.3042

Protanomaly

47.2927, 0.2911, 0.3033

Deuteranomaly

47.3277, 0.2936, 0.2974

Tritanomaly

47.6974, 0.2836, 0.3093

Monochromacy



Original Color

47.5249, 0.2823, 0.3042

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8148, 0.3015, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5249, 0.2823, 0.3042 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, 186, 205)` looks like.

```
.text, #text, p{  
    color:rgb(165, 186, 205)  
}
```

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, 186, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 186, 205) }
```

Border

The CSS property to change the border of an element to Yxy 47.5249, 0.2823, 0.3042 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, 186, 205) }
```

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

```
.border{ border-color:rgb(165, 186, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 186, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 186, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 186, 205); box-shadow:4px 4px 4px 4px rgb(165, 186, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5249, 0.2823, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 186, 205) }
```

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

```
.background{ background-color: rgb(165,  
186, 205) }
```

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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