

Converting Colors

Yxy(47.6635, 0.2864, 0.3132)

Have a look what the booklet for
Yxy(47.6635, 0.2864, 0.3132)
contains.

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Color

Yxy(47.6635, 0.2864, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	A5BBC7
RGB	165, 187, 199
RGB Percent	65%, 73%, 78%
CMY	0.3532, 0.2666, 0.2196
CMYK	0.17, 0.06, 0.00, 0.22
HSL	201°, 23%, 71%
HSV	201°, 17%, 78%
XYZ	43.5850, 47.6635, 60.9338
YIQ	181.7900, -16.9640, -0.9320

Conversions

Conversions Part 2

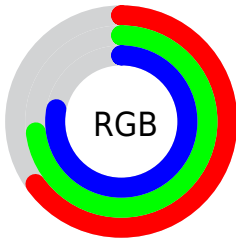
Format	Color
R_{YB}	165, 178, 199
Decimal	10861511
CIE _{Lab}	74.61, -5.00, -8.59
CIE _{LCh}	75, 9.937, 239.788
Yxy	47.6635, 0.2864, 0.3132
Android (android.graphics.Color)	4289051591 (0xFFA5BBC7)
YUV	181.7900, 8.4845, -14.7248
Hunter-Lab	69.0388, -8.1286, -4.0024

Details

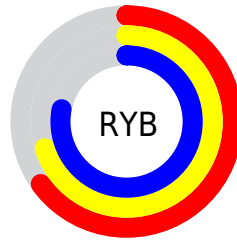
The Yxy color **47.6635, 0.2864, 0.3132** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2638, 0.3426, 0.3443**, and the grayscale version is **46.6138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5368, 0.2913, 0.3167**, and **22.6052, 0.2796, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **42.7992, 0.2710, 0.3027**, and if you desaturate by 10%, it is **53.0083, 0.3018, 0.3228**.

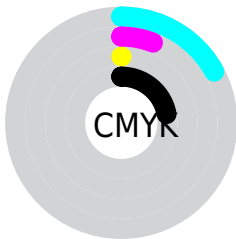
Distribution



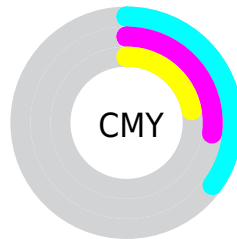
- Red (65%)
- Green (73%)
- Blue (78%)



- Red (65%)
- Yellow (70%)
- Blue (78%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.6635, 0.2864, 0.3132 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 47.6635, 0.2864, 0.3132 by changing the saturation by 10% instead.

■ 47.6635, 0.2864,
0.3132

■ 47.6635, 0.2864,
0.3132

■ 377.4568, 0.2994,
0.3212

■ 33.5605, 0.2832,
0.3112

■ 86.7032, 0.2911,
0.3161

■ 22.5562, 0.2791,
0.3086

■ 112.4086, 0.2929,
0.3172

■ 14.2661, 0.2737,
0.3052

■ 142.7503, 0.2944,
0.3181

■ 8.3060, 0.2663,
0.3003

■ 178.1127, 0.2957,
0.3189

■ 4.2914, 0.2554,
0.2931

■ 218.8802, 0.2968,
0.3196

■ 1.8378, 0.2379,
0.2811

■ 265.4371, 0.2978,

■ 0.5106, 0.1778,

0.3202

0.2499

318.1678, 0.2986,
0.3207

0.0000, 0.0000,
0.0000

47.6635, 0.2864,
0.3132

47.6635, 0.2864,
0.3132

42.7992, 0.2710,
0.3027

53.0083, 0.3018,
0.3228

38.3922, 0.2560,
0.2913

58.8440, 0.3171,
0.3314

34.4259, 0.2417,
0.2791

65.1881, 0.3319,
0.3391

30.8800, 0.2284,
0.2663

72.0551, 0.3462,
0.3459

27.7326, 0.2167,
0.2530

77.6265, 0.3527,
0.3525

■ 24.9588, 0.2067,
0.2395

■ 81.4202, 0.3512,
0.3594

■ 22.5301, 0.1988,
0.2260

■ 85.3700, 0.3498,
0.3662

■ 20.4081, 0.1929,
0.2128

■ 89.4776, 0.3484,
0.3729

■ 19.8347, 0.1914,
0.2090

■ 93.7447, 0.3470,
0.3794

Harmonies

Analogous

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



47.6635, 0.2882, 0.3242



47.6635, 0.2864, 0.3132



47.6635, 0.2914, 0.3067

Triad

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



47.6635, 0.2864, 0.3132



47.6635, 0.3291, 0.3211



47.6635, 0.3229, 0.3530

Complementary

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



47.6635, 0.2864, 0.3132



46.2638, 0.3426, 0.3443

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.



47.6635, 0.3342, 0.3515



47.6635, 0.2864, 0.3132



47.6635, 0.3379, 0.3329

Square

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



47.6635, 0.2864, 0.3132



47.6635, 0.3159, 0.3114



47.6635, 0.3397, 0.3441



47.6635, 0.3091, 0.3476

Rectangle

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



47.6635, 0.2864, 0.3132



47.6635, 0.2981, 0.3057



47.6635, 0.3397, 0.3441



47.6635, 0.3271, 0.3532

Sweetspot

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



47.6655, 0.2864, 0.3132



94.8350, 0.3050, 0.3246



52.0066, 0.3022, 0.3584



20.1471, 0.3039, 0.3240



0.0000, 0.0000, 0.0000



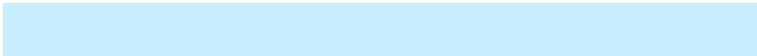
21.4041, 0.3127, 0.3290

Same Dimension

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



47.6655, 0.2864, 0.3132



79.7914, 0.2799, 0.3089



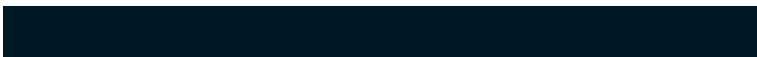
40.8804, 0.2853, 0.2902



11.4157, 0.2984, 0.3207



12.9240, 0.1919, 0.2108



0.7443, 0.1995, 0.2383

Inverse Universe

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



42.6162, 0.3251, 0.3014



69.3097, 0.3287, 0.2943



53.3898, 0.3392, 0.3651



10.7508, 0.3190, 0.3141



8.8447, 0.4332, 0.2160



0.4322, 0.4041, 0.1999

Previews

White Background



This preview shows how the Yxy color 47.6635, 0.2864, 0.3132 looks on a white background.

Color Contrast Check

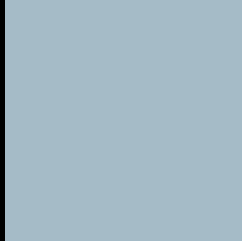
Large Text (above 18pt) WCAG AA × Fail

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 47.6635, 0.2864, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

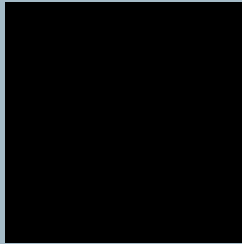
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

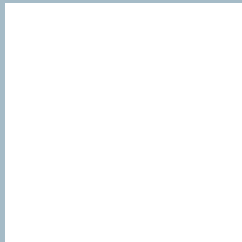
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6635, 0.2864, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 47.6635, 0.2864, 0.3132.



This preview shows how white text looks on a background with the Yxy color 47.6635, 0.2864, 0.3132.

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

47.6635, 0.2864, 0.3132

Protanopia

47.5087, 0.3027, 0.3111

Deuteranopia

47.3953, 0.3073, 0.3005



Tritanopia

47.7570, 0.2851, 0.3106

Trichromacy



Original Color

47.6635, 0.2864, 0.3132

Protanomaly

47.5423, 0.2963, 0.3122

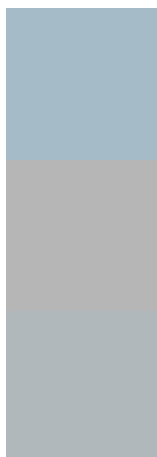
Deuteranomaly

47.2852, 0.2997, 0.3049

Tritanomaly

47.7101, 0.2858, 0.3119

Monochromacy



Original Color

47.6635, 0.2864, 0.3132

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.1419, 0.3030, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6635, 0.2864, 0.3132 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(165, 187, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 187, 199) }
```

Border

The CSS property to change the border of an element to Yxy 47.6635, 0.2864, 0.3132 is called "border". The border property can be set on classes, ids or directly on the HTML element.

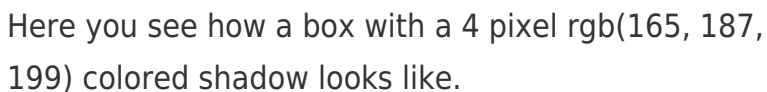
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 187, 199) }
```

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

```
.border{ border-color:rgb(165, 187, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 187, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 187, 199); box-shadow:4px 4px 4px 4px rgb(165, 187, 199) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 47.6635, 0.2864, 0.3132$ 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, 199) }
```

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

```
.background{ background-color: rgb(165,  
187, 199) }
```

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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