

Converting Colors

Yxy(64.3347, 0.2883, 0.3222)

Have a look what the booklet for
Yxy(64.3347, 0.2883, 0.3222)
contains.

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Color

Yxy(64.2604, 0.2885, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	BAD7DD
RGB	186, 215, 221
RGB Percent	73%, 84%, 87%
CMY	0.2708, 0.1568, 0.1333
CMYK	0.16, 0.03, 0.00, 0.13
HSL	190°, 34%, 80%
HSV	190°, 16%, 87%
XYZ	57.5928, 64.2604, 77.7752
YIQ	207.0130, -19.2100, -4.2820

Conversions

Conversions Part 2

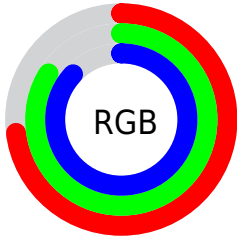
Format	Color
R _{YB}	186, 202, 221
Decimal	12244957
CIE Lab	84.10, -8.37, -6.19
CIE LCh	84, 10.410, 216.511
Yxy	64.2604, 0.2885, 0.3219
Android (android.graphics.Color)	4290435037 (0xFFBAD7DD)
YUV	207.0130, 6.8956, -18.4284
Hunter-Lab	80.1626, -12.0412, -1.4105

Details

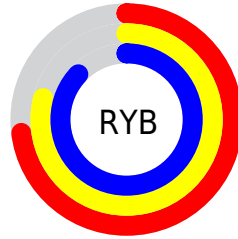
The Yxy color **64.2604, 0.2885, 0.3219** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5892, 0.3415, 0.3360**, and the grayscale version is **62.3663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **32.8003, 0.2822, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **59.8061, 0.2739, 0.3169**, and if you desaturate by 10%, it is **69.1924, 0.3037, 0.3265**.

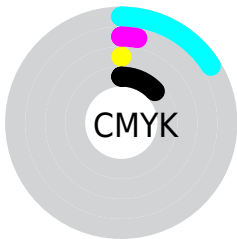
Distribution



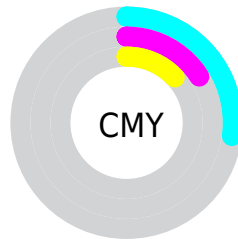
- Red (73%)
- Green (84%)
- Blue (87%)



- Red (73%)
- Yellow (79%)
- Blue (87%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2604, 0.2885, 0.3219 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 64.2604, 0.2885, 0.3219 by changing the saturation by 10% instead.

■ 64.2604, 0.2885,
0.3219

■ 64.2604, 0.2885,
0.3219

440.1294, 0.2999,
0.3254

■ 46.8616, 0.2859,
0.3211

■ 110.9859, 0.2925,
0.3231

■ 32.9263, 0.2826,
0.3200

141.0813, 0.2940,
0.3236

■ 22.0700, 0.2784,
0.3186

176.1778, 0.2953,
0.3240

■ 13.9083, 0.2728,
0.3167

216.6597, 0.2965,
0.3244

■ 8.0569, 0.2651,
0.3140

262.9115, 0.2975,
0.3247

■ 4.1314, 0.2538,
0.3098

315.3174, 0.2984,

■ 1.7473, 0.2354,

0.3249

0.3026

374.2619, 0.2992,
0.3252

0.4540, 0.1413,
0.2822

0.0000, 0.0000,
0.0000

64.2604, 0.2885,
0.3219

64.2604, 0.2885,
0.3219

59.8061, 0.2739,
0.3169

69.1924, 0.3037,
0.3265

55.8016, 0.2601,
0.3115

74.6128, 0.3191,
0.3307

52.2282, 0.2475,
0.3059

80.5419, 0.3346,
0.3344

49.0625, 0.2364,
0.2999

83.1384, 0.3360,
0.3382

■ 46.2787, 0.2271,
0.2938

■ 85.2637, 0.3355,
0.3419

■ 43.8477, 0.2196,
0.2877

■ 87.4348, 0.3350,
0.3456

■ 41.7358, 0.2140,
0.2815

■ 89.6519, 0.3345,
0.3492

■ 39.9012, 0.2104,
0.2754

■ 91.9154, 0.3340,
0.3529

■ 39.1924, 0.2091,
0.2729

■ 94.2255, 0.3335,
0.3565

Harmonies

Analogous

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



64.2604, 0.2951, 0.3339



64.2604, 0.2885, 0.3219



64.2604, 0.2883, 0.3122

Triad

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



64.2604, 0.2885, 0.3219



64.2604, 0.3187, 0.3140



64.2604, 0.3311, 0.3512

Complementary

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



64.2604, 0.2885, 0.3219



56.5892, 0.3415, 0.3360

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.



64.2604, 0.3377, 0.3453



64.2604, 0.2885, 0.3219



64.2604, 0.3306, 0.3239

Square

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



64.2604, 0.2885, 0.3219



64.2604, 0.3055, 0.3080



64.2604, 0.3376, 0.3353



64.2604, 0.3195, 0.3511

Rectangle

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



64.2604, 0.2885, 0.3219



64.2604, 0.2917, 0.3083



64.2604, 0.3376, 0.3353



64.2604, 0.3340, 0.3498

Sweetspot

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



64.2631, 0.2885, 0.3219



96.2799, 0.3049, 0.3269



65.9443, 0.3070, 0.3642



20.4989, 0.3039, 0.3266



0.0000, 0.0000, 0.0000



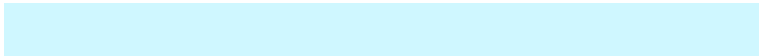
21.4041, 0.3127, 0.3290

Same Dimension

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



64.2631, 0.2885, 0.3219



86.7738, 0.2836, 0.3203



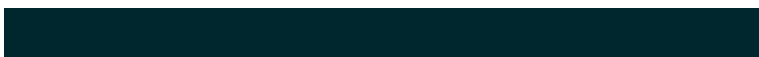
55.8766, 0.2876, 0.3010



14.4313, 0.2982, 0.3249



22.9133, 0.2094, 0.2738



1.5865, 0.2122, 0.2838

Inverse Universe

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



55.3784, 0.3191, 0.2964



72.3663, 0.3207, 0.2894



64.6738, 0.3384, 0.3555



13.2347, 0.3164, 0.3098



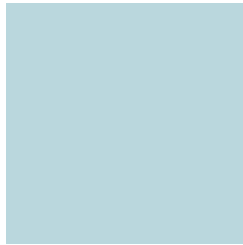
10.9369, 0.3692, 0.1807



0.7189, 0.3600, 0.1757

Previews

White Background



This preview shows how the Yxy color 64.2604, 0.2885, 0.3219 looks on a white background.

Color Contrast Check

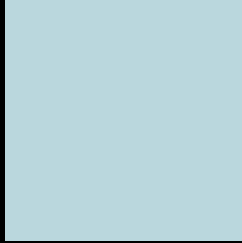
Large Text (above 18pt) WCAG AA × Fail

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 64.2604, 0.2885, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

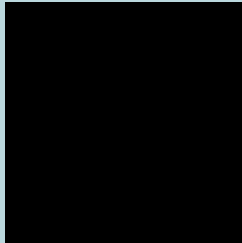
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

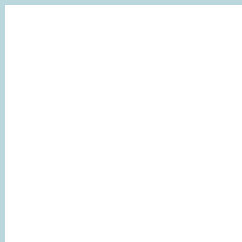
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2604, 0.2885, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 64.2604, 0.2885, 0.3219.



This preview shows how white text looks on a background with the Yxy color 64.2604, 0.2885, 0.3219.

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

64.2604, 0.2885, 0.3219

Protanopia

63.9704, 0.3087, 0.3188

Deuteranopia

63.7276, 0.3137, 0.3071



Tritanopia

64.5540, 0.2837, 0.3093

Trichromacy



Original Color

64.2604, 0.2885, 0.3219

Protanomaly

64.2070, 0.3014, 0.3209

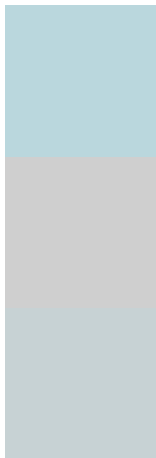
Deuteranomaly

63.6012, 0.3046, 0.3121

Tritanomaly

64.2040, 0.2855, 0.3138

Monochromacy



Original Color

64.2604, 0.2885, 0.3219

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.9888, 0.3033, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2604, 0.2885, 0.3219 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(186, 215, 221)` looks like.

```
.text, #text, p{  
    color:rgb(186, 215, 221)  
}
```

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(186, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 215, 221) }
```

Border

The CSS property to change the border of an element to Yxy 64.2604, 0.2885, 0.3219 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(186, 215, 221) }
```

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

```
.border{ border-color:rgb(186, 215, 221) }
```

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

Here you see how a box with a 4 pixel rgb(186, 215, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(186, 215,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2604, 0.2885, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 215, 221) }
```

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

```
.background{ background-color: rgb(186,  
215, 221) }
```

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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