

Converting Colors

Yxy(64.4457, 0.2924, 0.3301)

Have a look what the booklet for
Yxy(64.4457, 0.2924, 0.3301)
contains.

Yxy(64.4571, 0.2923, 0.3301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.4571, 0.2923, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	BAD8D7
RGB	186, 216, 215
RGB Percent	73%, 85%, 84%
CMY	0.2705, 0.1529, 0.1568
CMYK	0.14, 0.00, 0.00, 0.15
HSL	178°, 28%, 79%
HSV	178°, 14%, 85%
XYZ	57.0761, 64.4571, 73.7322
YIQ	206.9160, -17.5590, -6.6710

Conversions

Conversions Part 2

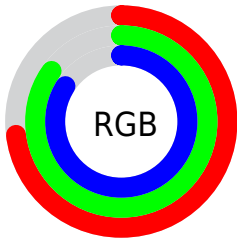
Format	Color
R _{YB}	186, 201, 216
Decimal	12245207
CIE Lab	84.20, -10.08, -2.86
CIE LCh	84, 10.475, 195.871
Yxy	64.4571, 0.2923, 0.3301
Android (android.graphics.Color)	4290435287 (0xFFBAD8D7)
YUV	206.9160, 3.9854, -18.3433
Hunter-Lab	80.2852, -13.6004, 1.7489

Details

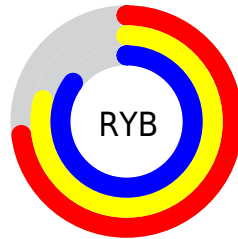
The Yxy color **64.4571, 0.2923, 0.3301** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.3134, 0.3374, 0.3279**, and the grayscale version is **62.3263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **32.9333, 0.2871, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **61.9191, 0.2787, 0.3310**, and if you desaturate by 10%, it is **67.4096, 0.3069, 0.3293**.

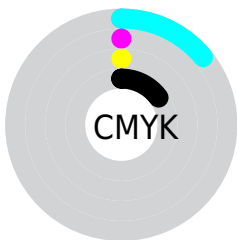
Distribution



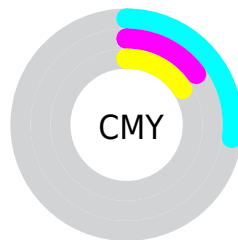
- Red (73%)
- Green (85%)
- Blue (84%)



- Red (73%)
- Yellow (79%)
- Blue (85%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)




- Cyan (27%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4571, 0.2923, 0.3301 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 64.4571, 0.2923, 0.3301 by changing the saturation by 10% instead.


 64.4571, 0.2923,
0.3301

 64.4571, 0.2923,
0.3301


440.8385, 0.3019,
0.3297

 47.0210, 0.2901,
0.3302


 111.2690, 0.2957,
0.3300

 33.0523, 0.2873,
0.3303


141.4135, 0.2970,
0.3299

 22.1665, 0.2837,
0.3304


176.5630, 0.2981,
0.3298

 13.9793, 0.2790,
0.3305

217.1019, 0.2991,
0.3298

 8.1063, 0.2724,
0.3307

263.4144, 0.2999,
0.3298

 4.1630, 0.2626,
0.3307

315.8851, 0.3007,

 1.7652, 0.2467,

0.3297

0.3306

374.8983, 0.3013,
0.3297

0.4653, 0.1434,
0.3400

0.0000, 0.0000,
0.0000

64.4571, 0.2923,
0.3301

64.4571, 0.2923,
0.3301

61.9191, 0.2787,
0.3310

67.4096, 0.3069,
0.3293

59.7692, 0.2662,
0.3319

70.7856, 0.3221,
0.3286


57.9904, 0.2553,
0.3329

74.6040, 0.3376,
0.3279


56.5613, 0.2461,
0.3340


75.4251, 0.3403,
0.3272


 55.4584, 0.2387,
0.3350


 75.4623, 0.3397,
0.3265

 54.6552, 0.2333,
0.3361


 75.4996, 0.3392,
0.3258


 54.1210, 0.2298,
0.3372

 75.5371, 0.3387,
0.3251

 53.8188, 0.2280,
0.3382

 75.5747, 0.3382,
0.3244

 53.7100, 0.2275,
0.3389

 75.6125, 0.3377,
0.3236

Harmonies

Analogous

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



64.4571, 0.3024, 0.3417



64.4571, 0.2923, 0.3301



64.4571, 0.2876, 0.3184

Triad

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



64.4571, 0.2923, 0.3301



64.4571, 0.3096, 0.3093



64.4571, 0.3365, 0.3478

Complementary

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



64.4571, 0.2923, 0.3301



53.3134, 0.3374, 0.3279

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.



64.4571, 0.3385, 0.3387



64.4571, 0.2923, 0.3301



64.4571, 0.3228, 0.3168

Square

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



64.4571, 0.2923, 0.3301



64.4571, 0.2974, 0.3067



64.4571, 0.3335, 0.3274



64.4571, 0.3280, 0.3520

Rectangle

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



64.4571, 0.2923, 0.3301



64.4571, 0.2881, 0.3123



64.4571, 0.3335, 0.3274



64.4571, 0.3380, 0.3452

Sweetspot

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



64.4598, 0.2923, 0.3301



98.0950, 0.3066, 0.3293



63.2244, 0.3117, 0.3655



20.9221, 0.3055, 0.3294



0.0000, 0.0000, 0.0000



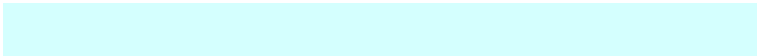
21.4041, 0.3127, 0.3290

Same Dimension

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



64.4598, 0.2923, 0.3301



92.5938, 0.2877, 0.3304



57.6448, 0.2912, 0.3121



14.1005, 0.2987, 0.3297



31.7947, 0.2274, 0.3387



1.9200, 0.2269, 0.3369

Inverse Universe

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



53.3134, 0.3374, 0.3279



72.9799, 0.3444, 0.3276



59.4582, 0.3359, 0.3453



12.4273, 0.3286, 0.3283



8.6534, 0.6363, 0.3279



0.5243, 0.6245, 0.3214

Previews

White Background



This preview shows how the Yxy color 64.4571, 0.2923, 0.3301 looks on a white background.

Color Contrast Check

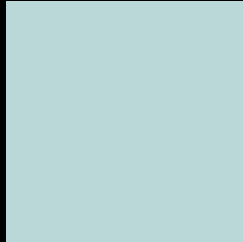
Large Text (above 18pt) WCAG AA × Fail

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 64.4571, 0.2923, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

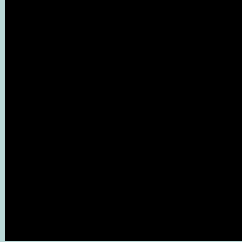
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

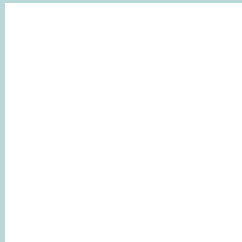
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4571, 0.2923, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 64.4571, 0.2923, 0.3301.

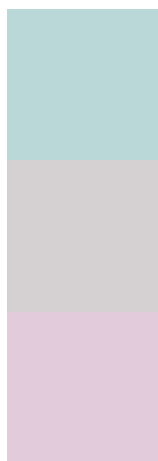


This preview shows how white text looks on a background with the Yxy color 64.4571, 0.2923, 0.3301.

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

64.4571, 0.2923, 0.3301

Protanopia

64.4502, 0.3143, 0.3267

Deuteranopia

63.9426, 0.3196, 0.3126



Tritanopia

64.6815, 0.2844, 0.3093

Trichromacy



Original Color

64.4571, 0.2923, 0.3301

Protanomaly

64.5369, 0.3061, 0.3290

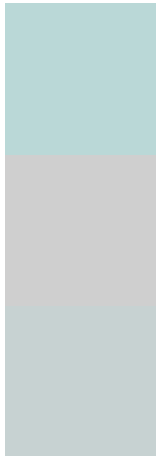
Deuteranomaly

63.9704, 0.3087, 0.3188

Tritanomaly

64.7285, 0.2874, 0.3173

Monochromacy



Original Color

64.4571, 0.2923, 0.3301

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.8884, 0.3046, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4571, 0.2923, 0.3301 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, 216, 215)` looks like.

```
.text, #text, p{  
    color:rgb(186, 216, 215)  
}
```

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, 216, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 216, 215) }
```

Border

The CSS property to change the border of an element to Yxy 64.4571, 0.2923, 0.3301 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, 216, 215) }
```

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

```
.border{ border-color:rgb(186, 216, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 216, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 216, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 216, 215); box-shadow:4px 4px 4px 4px rgb(186, 216, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4571, 0.2923, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 216, 215) }
```

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

```
.background{ background-color: rgb(186,  
216, 215) }
```

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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