

Converting Colors

$Yxy(65.5988, 0.2980, 0.3369)$

Have a look what the booklet for
Yxy(65.5988, 0.2980, 0.3369)
contains.

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Color

Yxy(65.7931, 0.2976, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	BEDAD3
RGB	190, 218, 211
RGB Percent	75%, 85%, 83%
CMY	0.2548, 0.1451, 0.1726
CMYK	0.13, 0.00, 0.03, 0.15
HSL	165°, 27%, 80%
HSV	165°, 13%, 85%
XYZ	58.0665, 65.7931, 71.2563
YIQ	208.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

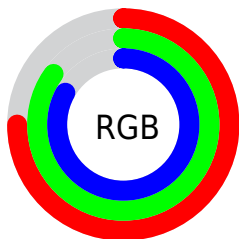
Format	Color
R _{YB}	190, 206, 218
Decimal	12507859
CIE Lab	84.89, -10.61, 0.31
CIE LCh	85, 10.618, 178.332
Yxy	65.7931, 0.2976, 0.3372
Android (android.graphics.Color)	4290697939 (0xFFBEDAD3)
YUV	208.8300, 1.0698, -16.5139
Hunter-Lab	81.1129, -14.1645, 4.6938

Details

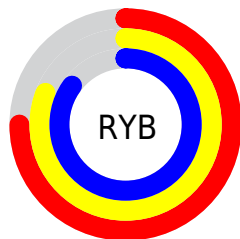
The Yxy color **65.7931, 0.2976, 0.3372** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.7748, 0.3304, 0.3210**, and the grayscale version is **63.6470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **33.8629, 0.2931, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **62.9256, 0.2865, 0.3443**, and if you desaturate by 10%, it is **69.0953, 0.3093, 0.3307**.

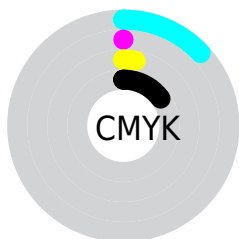
Distribution



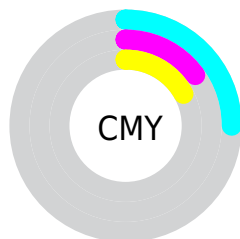
- Red (75%)
- Green (85%)
- Blue (83%)



- Red (75%)
- Yellow (81%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)





- Cyan (25%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7931, 0.2976, 0.3372 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 65.7931, 0.2976, 0.3372 by changing the saturation by 10% instead.

 65.7931, 0.2976,
0.3372

 65.7931, 0.2976,
0.3372


445.6366, 0.3047,
0.3333

 48.1045, 0.2959,
0.3381


 113.1893, 0.3001,
0.3358

 33.9096, 0.2939,
0.3392


143.6657, 0.3011,
0.3353

 22.8242, 0.2912,
0.3407


179.1735, 0.3019,
0.3349

 14.4637, 0.2877,
0.3426

220.0970, 0.3026,
0.3345

 8.4439, 0.2828,
0.3453

266.8206, 0.3032,
0.3341

 4.3803, 0.2755,
0.3492

319.7289, 0.3038,

 1.8885, 0.2636,

0.3338

0.3558

379.2061, 0.3043,
0.3336

0.5414, 0.1872,
0.3967

0.0000, 0.0000,
0.0000

65.7931, 0.2976,
0.3372

65.7931, 0.2976,
0.3372

62.9256, 0.2865,
0.3443

69.0953, 0.3093,
0.3307

60.4658, 0.2762,
0.3521

72.8415, 0.3214,
0.3249

58.3965, 0.2671,
0.3604

76.9708, 0.3332,
0.3197

56.6959, 0.2594,
0.3691

77.2782, 0.3294,
0.3143

■ 55.3400, 0.2535,
0.3782

■ 77.5952, 0.3256,
0.3089

■ 54.3020, 0.2494,
0.3876

■ 77.9220, 0.3219,
0.3036

■ 53.5510, 0.2474,
0.3970

■ 78.2587, 0.3182,
0.2984

■ 53.0498, 0.2472,
0.4064

■ 78.6053, 0.3146,
0.2933

■ 52.8000, 0.2481,
0.4130

■ 78.6235, 0.3144,
0.2930

Harmonies

Analogous

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



65.7931, 0.3099, 0.3472



65.7931, 0.2976, 0.3372



65.7931, 0.2894, 0.3250

Triad

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



65.7931, 0.2976, 0.3372



65.7931, 0.3020, 0.3070



65.7931, 0.3387, 0.3430

Complementary

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



65.7931, 0.2976, 0.3372



55.7748, 0.3304, 0.3210

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.



65.7931, 0.3366, 0.3322



65.7931, 0.2976, 0.3372



65.7931, 0.3152, 0.3117

Square

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



65.7931, 0.2976, 0.3372



65.7931, 0.2919, 0.3078



65.7931, 0.3279, 0.3209



65.7931, 0.3337, 0.3504

Rectangle

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



65.7931, 0.2976, 0.3372



65.7931, 0.2873, 0.3175



65.7931, 0.3279, 0.3209



65.7931, 0.3388, 0.3397

Sweetspot

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



65.7959, 0.2976, 0.3372



97.9529, 0.3079, 0.3315



65.7978, 0.3165, 0.3621



20.8860, 0.3070, 0.3319



0.0000, 0.0000, 0.0000



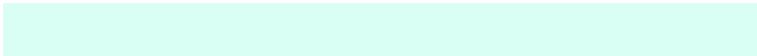
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7959, 0.2976, 0.3372



92.8510, 0.2950, 0.3388



62.8357, 0.2930, 0.3213



14.7709, 0.3015, 0.3349



31.6503, 0.2477, 0.4116



2.0639, 0.2435, 0.3964

Inverse Universe

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



55.7748, 0.3304, 0.3210



76.2667, 0.3341, 0.3195



58.3528, 0.3350, 0.3366



13.1048, 0.3252, 0.3232



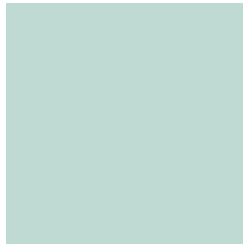
9.1079, 0.5917, 0.3033



0.6039, 0.5449, 0.2775

Previews

White Background



This preview shows how the Yxy color 65.7931, 0.2976, 0.3372 looks on a white background.

Color Contrast Check

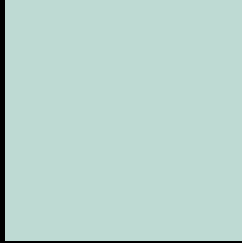
Large Text (above 18pt) WCAG AA × Fail

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 65.7931, 0.2976, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

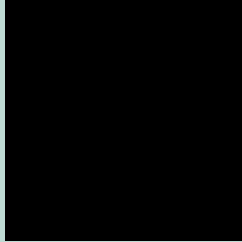
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

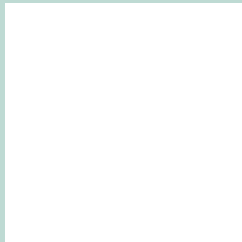
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7931, 0.2976, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 65.7931, 0.2976, 0.3372.



This preview shows how white text looks on a background with the Yxy color 65.7931, 0.2976, 0.3372.

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

65.7931, 0.2976, 0.3372

Protanopia

65.6925, 0.3192, 0.3335

Deuteranopia

65.5066, 0.3262, 0.3193



Tritanopia

65.8964, 0.2871, 0.3096

Trichromacy



Original Color

65.7931, 0.2976, 0.3372

Protanomaly

65.9126, 0.3117, 0.3359

Deuteranomaly

65.4962, 0.3151, 0.3257

Tritanomaly

65.8310, 0.2914, 0.3197

Monochromacy



Original Color

65.7931, 0.2976, 0.3372

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.2967, 0.3068, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7931, 0.2976, 0.3372 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(190, 218, 211)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 211)  
}
```

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(190, 218, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 211) }
```

Border

The CSS property to change the border of an element to Yxy 65.7931, 0.2976, 0.3372 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(190, 218, 211) }
```

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

```
.border{ border-color:rgb(190, 218, 211) }
```

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

Here you see how a box with a 4 pixel rgb(190, 218, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 211);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7931, 0.2976, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 211) }
```

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

```
.background{ background-color: rgb(190,  
218, 211) }
```

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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