

Converting Colors

$Yxy(67.2309, 0.2819, 0.3147)$

Have a look what the booklet for
Yxy(67.2309, 0.2819, 0.3147)
contains.

Yxy(67.4517, 0.2822, 0.3151)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.4517, 0.2822, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	BADCE8
RGB	186, 220, 232
RGB Percent	73%, 86%, 91%
CMY	0.2706, 0.1372, 0.0901
CMYK	0.20, 0.05, 0.00, 0.09
HSL	196°, 50%, 82%
HSV	196°, 20%, 91%
XYZ	60.4090, 67.4517, 86.2037
YIQ	211.2020, -24.1160, -3.4760

Conversions

Conversions Part 2

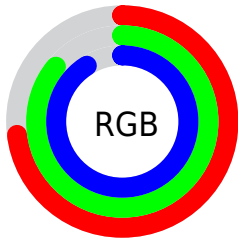
Format	Color
RYB	186, 206, 232
Decimal	12246248
CIELab	85.73, -8.61, -9.62
CIELCh	86, 12.909, 228.181
Yxy	67.4517, 0.2822, 0.3151
Android (android.graphics.Color)	4290436328 (0xFFBADCE8)
YUV	211.2020, 10.2534, -22.1022
Hunter-Lab	82.1290, -12.4322, -4.7413

Details

The Yxy color **67.4517, 0.2822, 0.3151** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.1007, 0.3495, 0.3425**, and the grayscale version is **65.2256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **34.9504, 0.2752, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **61.6564, 0.2673, 0.3071**, and if you desaturate by 10%, it is **73.8398, 0.2975, 0.3224**.

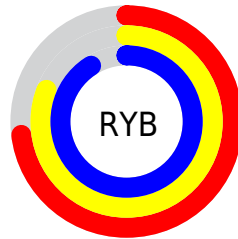
Distribution



Red (73%)

Green (86%)

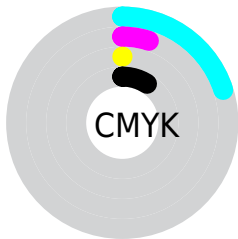
Blue (91%)



Red (73%)

Yellow (81%)

Blue (91%)

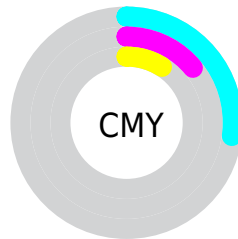


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (14%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4517, 0.2822, 0.3151 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 67.4517, 0.2822, 0.3151 by changing the saturation by 10% instead.

■ 67.4517, 0.2822,
0.3151

■ 67.4517, 0.2822,
0.3151

■ 451.5509, 0.2964,
0.3218

■ 49.4518, 0.2789,
0.3135

■ 115.5674, 0.2871,
0.3175

■ 34.9780, 0.2749,
0.3115

■ 146.4520, 0.2890,
0.3184

■ 23.6459, 0.2698,
0.3090

■ 182.4003, 0.2907,
0.3191

■ 15.0712, 0.2631,
0.3056

■ 223.7967, 0.2921,
0.3198

■ 8.8694, 0.2540,
0.3007

■ 271.0255, 0.2934,
0.3204

■ 4.6561, 0.2408,
0.2935

■ 324.4713, 0.2945,

■ 2.0469, 0.2202,

0.3209

384.5183, 0.2955,
0.3214

0.2815

0.6345, 0.1605,
0.2591

0.0000, 0.0000,
0.0000

67.4517, 0.2822,
0.3151

67.4517, 0.2822,
0.3151

61.6564, 0.2673,
0.3071

73.8398, 0.2975,
0.3224

56.4216, 0.2531,
0.2985

80.8347, 0.3130,
0.3291

51.7242, 0.2401,
0.2894

88.3472, 0.3279,
0.3351

47.5360, 0.2284,
0.2799

91.9400, 0.3272,
0.3410

■ 43.8257, 0.2185,
0.2701

■ 95.6529, 0.3266,
0.3468

■ 40.5576, 0.2105,
0.2603

■ 98.6081, 0.3262,
0.3512

■ 37.6895, 0.2045,
0.2505

■ 35.1513, 0.2002,
0.2408

■ 35.1136, 0.2002,
0.2406

Harmonies

Analogous

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



67.4517, 0.2873, 0.3291



67.4517, 0.2822, 0.3151



67.4517, 0.2850, 0.3054

Triad

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



67.4517, 0.2822, 0.3151



67.4517, 0.3261, 0.3151



67.4517, 0.3301, 0.3571

Complementary

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



67.4517, 0.2822, 0.3151



61.1007, 0.3495, 0.3425

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.



67.4517, 0.3410, 0.3524



67.4517, 0.2822, 0.3151



67.4517, 0.3387, 0.3281

Square

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



67.4517, 0.2822, 0.3151



67.4517, 0.3101, 0.3057



67.4517, 0.3442, 0.3417



67.4517, 0.3147, 0.3539

Rectangle

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



67.4517, 0.2822, 0.3151



67.4517, 0.2910, 0.3024



67.4517, 0.3442, 0.3417



67.4517, 0.3344, 0.3563

Sweetspot

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



67.4545, 0.2822, 0.3151



94.6892, 0.3034, 0.3251



72.2237, 0.3032, 0.3696



20.1473, 0.3024, 0.3246



0.0000, 0.0000, 0.0000



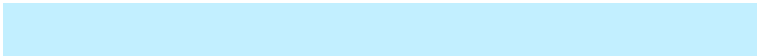
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4545, 0.2822, 0.3151



80.4037, 0.2758, 0.3118



56.4242, 0.2805, 0.2883



15.6657, 0.2981, 0.3227



19.7023, 0.2006, 0.2422



1.6047, 0.2046, 0.2564

Inverse Universe

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



57.4407, 0.3243, 0.2921



65.9874, 0.3272, 0.2839



72.1668, 0.3448, 0.3666



14.5476, 0.3178, 0.3118



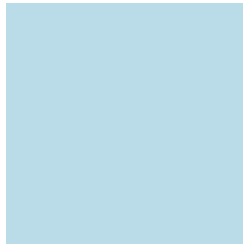
11.1867, 0.4001, 0.1978



0.8417, 0.3859, 0.1900

Previews

White Background



This preview shows how the Yxy color 67.4517, 0.2822, 0.3151 looks on a white background.

Color Contrast Check

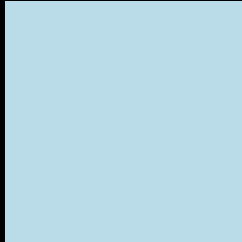
Large Text (above 18pt) WCAG AA × Fail

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 67.4517, 0.2822, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

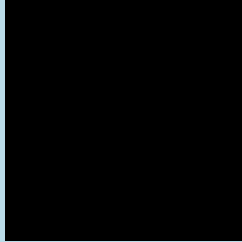
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

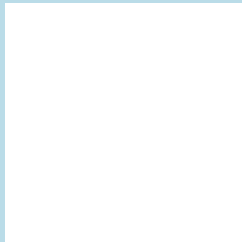
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4517, 0.2822, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 67.4517, 0.2822, 0.3151.

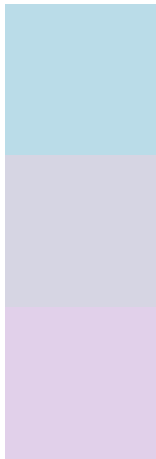


This preview shows how white text looks on a background with the Yxy color 67.4517, 0.2822, 0.3151.

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

67.4517, 0.2822, 0.3151

Protanopia

67.4307, 0.3041, 0.3135

Deuteranopia

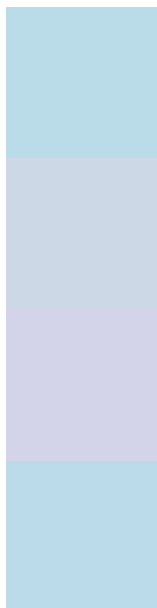
67.0598, 0.3074, 0.3011



Tritanopia

67.3423, 0.2799, 0.3084

Trichromacy



Original Color

67.4517, 0.2822, 0.3151

Protanomaly

67.6062, 0.2958, 0.3144

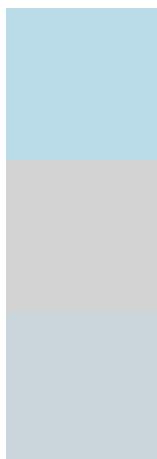
Deuteranomaly

66.8190, 0.2980, 0.3058

Tritanomaly

67.2260, 0.2810, 0.3106

Monochromacy



Original Color

67.4517, 0.2822, 0.3151

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.7642, 0.3008, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4517, 0.2822, 0.3151 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, 220, 232)` looks like.

```
.text, #text, p{  
    color:rgb(186, 220, 232)  
}
```

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, 220, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 220, 232) }
```

Border

The CSS property to change the border of an element to Yxy 67.4517, 0.2822, 0.3151 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, 220, 232) }
```

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

```
.border{ border-color:rgb(186, 220, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 220, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 220, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 220, 232);  
box-shadow:4px 4px 4px 4px rgb(186, 220,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4517, 0.2822, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 220, 232) }
```

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

```
.background{ background-color: rgb(186,  
220, 232) }
```

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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