

Converting Colors

$Yxy(68.6035, 0.2813, 0.3031)$

Have a look what the booklet for
Yxy(68.6035, 0.2813, 0.3031)
contains.

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Color

Yxy(68.5432, 0.2814, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	C2DBF2
RGB	194, 219, 242
RGB Percent	76%, 86%, 95%
CMY	0.2391, 0.1412, 0.0508
CMYK	0.20, 0.10, 0.00, 0.05
HSL	209°, 65%, 86%
HSV	209°, 20%, 95%
XYZ	63.6150, 68.5432, 93.9078
YIQ	214.1470, -22.2830, 1.8530

Conversions

Conversions Part 2

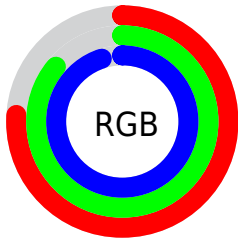
Format	Color
RYB	194, 210, 242
Decimal	12770290
CIELab	86.28, -3.49, -14.04
CIELCh	86, 14.461, 256.051
Yxy	68.5432, 0.2814, 0.3032
Android (android.graphics.Color)	4290960370 (0xFFC2DBF2)
YUV	214.1470, 13.7315, -17.6689
Hunter-Lab	82.7908, -7.7278, -9.2978

Details

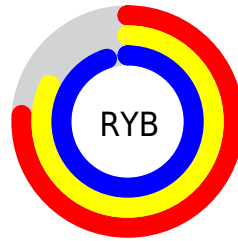
The Yxy color **68.5432, 0.2814, 0.3032** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4386, 0.3474, 0.3535**, and the grayscale version is **67.2715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **35.6715, 0.2741, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **59.7490, 0.2651, 0.2881**, and if you desaturate by 10%, it is **78.2874, 0.2974, 0.3169**.

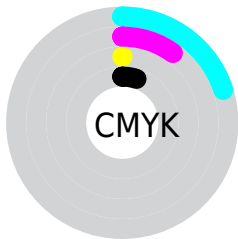
Distribution



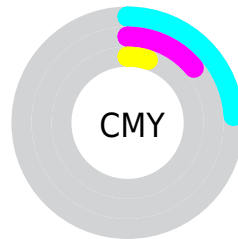
- Red (76%)
- Green (86%)
- Blue (95%)



- Red (76%)
- Yellow (82%)
- Blue (95%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.5432, 0.2814, 0.3032 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 68.5432, 0.2814, 0.3032 by changing the saturation by 10% instead.

■ 68.5432, 0.2814,
0.3032

■ 68.5432, 0.2814,
0.3032

■ 455.4182, 0.2959,
0.3153

■ 50.3398, 0.2781,
0.3004

■ 117.1289, 0.2864,
0.3074

■ 35.6835, 0.2740,
0.2969

■ 148.2800, 0.2884,
0.3091

■ 24.1898, 0.2688,
0.2925

■ 184.5157, 0.2901,
0.3105

■ 15.4745, 0.2620,
0.2867

■ 226.2205, 0.2916,
0.3117

■ 9.1531, 0.2528,
0.2787

■ 273.7787, 0.2928,
0.3128

■ 4.8412, 0.2396,
0.2671

■ 327.5748, 0.2940,

■ 2.1544, 0.2192,

0.3137

0.2488

387.9932, 0.2950,
0.3145

0.6949, 0.1780,
0.2149

0.0000, 0.0000,
0.0000

68.5432, 0.2814,
0.3032

68.5432, 0.2814,
0.3032

59.7490, 0.2651,
0.2881

78.2874, 0.2974,
0.3169

51.8628, 0.2488,
0.2717

89.0052, 0.3130,
0.3292

44.8511, 0.2331,
0.2541

98.4553, 0.3203,
0.3404

38.6748, 0.2184,
0.2356

99.1929, 0.3202,
0.3415

■ 33.2912, 0.2052,
0.2167

■ 28.6523, 0.1939,
0.1978

■ 24.7024, 0.1850,
0.1795

■ 21.3561, 0.1784,
0.1621

■ 21.3047, 0.1783,
0.1618

Harmonies

Analogous

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



68.5432, 0.2789, 0.3144



68.5432, 0.2814, 0.3032



68.5432, 0.2921, 0.2991

Triad

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



68.5432, 0.2814, 0.3032



68.5432, 0.3410, 0.3268



68.5432, 0.3162, 0.3574

Complementary

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



68.5432, 0.2814, 0.3032



72.4386, 0.3474, 0.3535

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.



68.5432, 0.3332, 0.3602



68.5432, 0.2814, 0.3032



68.5432, 0.3478, 0.3420

Square

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



68.5432, 0.2814, 0.3032



68.5432, 0.3264, 0.3126



68.5432, 0.3448, 0.3543



68.5432, 0.2987, 0.3463

Rectangle

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



68.5432, 0.2814, 0.3032



68.5432, 0.3026, 0.3006



68.5432, 0.3448, 0.3543



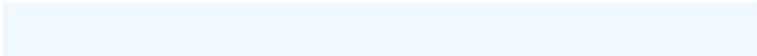
68.5432, 0.3222, 0.3594

Sweetspot

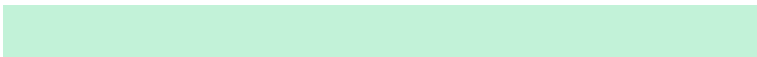
The Sweet Spot groups the original color and five complimentary colors.



68.5460, 0.2814, 0.3032



92.6172, 0.3034, 0.3218



79.9776, 0.2972, 0.3576



19.6571, 0.3024, 0.3209



0.0000, 0.0000, 0.0000



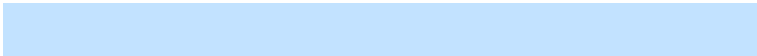
21.4041, 0.3127, 0.3290

Same Dimension

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



68.5460, 0.2814, 0.3032



72.8548, 0.2745, 0.2970



57.1966, 0.2797, 0.2761



16.5890, 0.2980, 0.3174



11.7171, 0.1791, 0.1646



1.1740, 0.1855, 0.1877

Inverse Universe

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



62.5923, 0.3323, 0.3027



65.2253, 0.3375, 0.2968



85.3557, 0.3429, 0.3769



15.8962, 0.3212, 0.3168



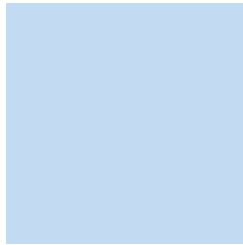
10.9762, 0.4873, 0.2458



0.9332, 0.4594, 0.2304

Previews

White Background



This preview shows how the Yxy color 68.5432, 0.2814, 0.3032 looks on a white background.

Color Contrast Check

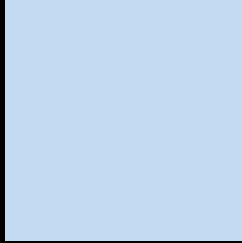
Large Text (above 18pt) WCAG AA × Fail

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 68.5432, 0.2814, 0.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

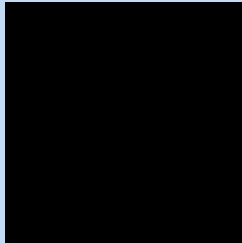
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

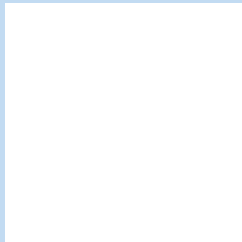
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5432, 0.2814, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 68.5432, 0.2814, 0.3032.



This preview shows how white text looks on a background with the Yxy color 68.5432, 0.2814, 0.3032.

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

68.5432, 0.2814, 0.3032

Protanopia

68.3222, 0.2949, 0.3017

Deuteranopia

68.3128, 0.2993, 0.2929



Tritanopia

68.6383, 0.2838, 0.3098

Trichromacy



Original Color

68.5432, 0.2814, 0.3032

Protanomaly

68.3821, 0.2896, 0.3025

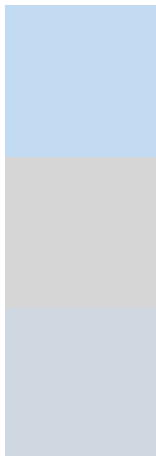
Deuteranomaly

68.0566, 0.2924, 0.2964

Tritanomaly

68.7559, 0.2826, 0.3076

Monochromacy



Original Color

68.5432, 0.2814, 0.3032

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.7589, 0.3010, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5432, 0.2814, 0.3032 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(194, 219, 242)` looks like.

```
.text, #text, p{  
    color:rgb(194, 219, 242)  
}
```

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(194, 219, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 219, 242) }
```

Border

The CSS property to change the border of an element to Yxy 68.5432, 0.2814, 0.3032 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(194, 219, 242) }
```

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

```
.border{ border-color:rgb(194, 219, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 219, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 219, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 219, 242);  
box-shadow:4px 4px 4px 4px rgb(194, 219,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5432, 0.2814, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 219, 242) }
```

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

```
.background{ background-color: rgb(194,  
219, 242) }
```

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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