

Converting Colors

$Yxy(63.2308, 0.2863, 0.2973)$

Have a look what the booklet for
Yxy(63.2308, 0.2863, 0.2973)
contains.

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Color

Yxy(63.0382, 0.2863, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	C5D0EC
RGB	197, 208, 236
RGB Percent	77%, 82%, 93%
CMY	0.2274, 0.1843, 0.0744
CMYK	0.17, 0.12, 0.00, 0.07
HSL	223°, 51%, 85%
HSV	223°, 17%, 93%
XYZ	60.7262, 63.0382, 88.3426
YIQ	207.9030, -15.5440, 6.3760

Conversions

Conversions Part 2

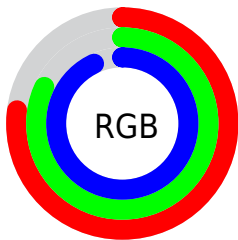
Format	Color
R _{YB}	197, 206, 236
Decimal	12964076
CIE Lab	83.46, 1.92, -15.05
CIE LCh	83, 15.173, 277.285
Yxy	63.0382, 0.2863, 0.2972
Android (android.graphics.Color)	4291154156 (0xFFC5D0EC)
YUV	207.9030, 13.8518, -9.5619
Hunter-Lab	79.3966, -2.4189, -10.3928

Details

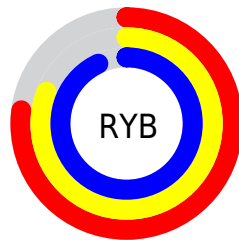
The Yxy color **63.0382, 0.2863, 0.2972** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.7381, 0.3394, 0.3589**, and the grayscale version is **62.9295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **32.2461, 0.2800, 0.2902** is the 20% darker color. If you saturate the color by 10%, you get **52.2700, 0.2688, 0.2749**, and if you desaturate by 10%, it is **75.1941, 0.3027, 0.3172**.

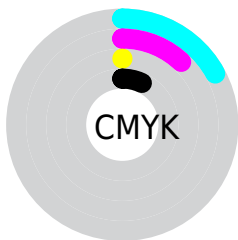
Distribution



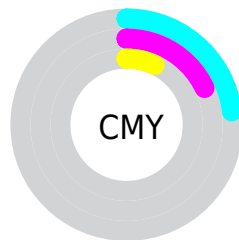
- Red (77%)
- Green (82%)
- Blue (93%)



- Red (77%)
- Yellow (81%)
- Blue (93%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (23%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0382, 0.2863, 0.2972 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 63.0382, 0.2863, 0.2972 by changing the saturation by 10% instead.

■ 63.0382, 0.2863,
0.2972

■ 63.0382, 0.2863,
0.2972

435.7081, 0.2988,
0.3122

■ 45.8721, 0.2834,
0.2937

109.2246, 0.2907,
0.3024

■ 32.1449, 0.2798,
0.2894

139.0137, 0.2924,
0.3045

■ 21.4722, 0.2751,
0.2839

173.7793, 0.2938,
0.3062

■ 13.4696, 0.2689,
0.2767

213.9058, 0.2951,
0.3077

■ 7.7527, 0.2604,
0.2667

259.7775, 0.2962,
0.3090

■ 3.9371, 0.2479,
0.2521

311.7789, 0.2972,

■ 1.6385, 0.2277,

0.3102

0.2290

370.2943, 0.2980,
0.3112

■ 0.3833, 0.1745,
0.1626

■ 0.0000, 0.0000,
0.0000

■ 63.0382, 0.2863,
0.2972

■ 63.0382, 0.2863,
0.2972

■ 52.2700, 0.2688,
0.2749

■ 75.1941, 0.3027,
0.3172

■ 42.8309, 0.2504,
0.2504

■ 88.7781, 0.3178,
0.3349

■ 34.6695, 0.2318,
0.2241

■ 98.8376, 0.3238,
0.3473

■ 27.7278, 0.2135,
0.1967

■ 21.9431, 0.1965,
0.1692

■ 17.2464, 0.1816,
0.1429

■ 13.5602, 0.1698,
0.1191

■ 10.7932, 0.1615,
0.0991

■ 10.0115, 0.1592,
0.0931

Harmonies

Analogous

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



63.0382, 0.2772, 0.3040



63.0382, 0.2863, 0.2972



63.0382, 0.3025, 0.2987

Triad

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



63.0382, 0.2863, 0.2972



63.0382, 0.3495, 0.3383



63.0382, 0.3028, 0.3519

Complementary

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



63.0382, 0.2863, 0.2972



75.7381, 0.3394, 0.3589

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.



63.0382, 0.3221, 0.3616



63.0382, 0.2863, 0.2972



63.0382, 0.3494, 0.3529

Square

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



63.0382, 0.2863, 0.2972



63.0382, 0.3393, 0.3219



63.0382, 0.3392, 0.3618



63.0382, 0.2865, 0.3356

Rectangle

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



63.0382, 0.2863, 0.2972



63.0382, 0.3154, 0.3039



63.0382, 0.3392, 0.3618



63.0382, 0.3091, 0.3561

Sweetspot

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



63.0408, 0.2863, 0.2972



91.9568, 0.3051, 0.3200



77.3120, 0.2940, 0.3413



19.4480, 0.3040, 0.3187



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.



63.0408, 0.2863, 0.2972



70.3906, 0.2802, 0.2895



59.0390, 0.2918, 0.2852



15.2398, 0.2980, 0.3116



5.7061, 0.1600, 0.0958



0.6062, 0.1674, 0.1227

Inverse Universe

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



62.3278, 0.3356, 0.3172



69.5269, 0.3417, 0.3145



80.4615, 0.3316, 0.3708



15.1238, 0.3249, 0.3224



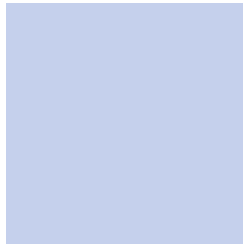
10.0688, 0.5823, 0.2981



0.8066, 0.5429, 0.2764

Previews

White Background



This preview shows how the Yxy color 63.0382, 0.2863, 0.2972 looks on a white background.

Color Contrast Check

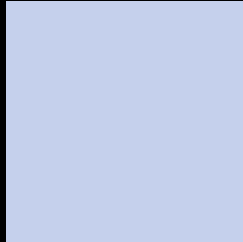
Large Text (above 18pt) WCAG AA × Fail

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 63.0382, 0.2863, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

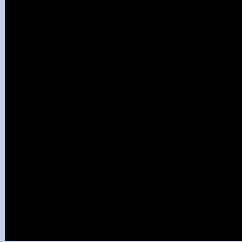
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

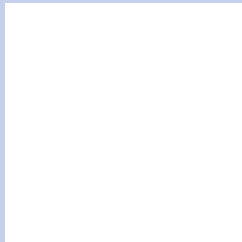
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0382, 0.2863, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 63.0382, 0.2863, 0.2972.



This preview shows how white text looks on a background with the Yxy color 63.0382, 0.2863, 0.2972.

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

63.0382, 0.2863, 0.2972

Protanopia

62.8373, 0.2910, 0.2964

Deuteranopia

62.6516, 0.2975, 0.2906



Tritanopia

63.1863, 0.2913, 0.3105

Trichromacy



Original Color

63.0382, 0.2863, 0.2972

Protanomaly

63.0413, 0.2896, 0.2974

Deuteranomaly

62.7101, 0.2932, 0.2923

Tritanomaly

63.0499, 0.2894, 0.3049

Monochromacy



Original Color

63.0382, 0.2863, 0.2972

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0111, 0.3029, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0382, 0.2863, 0.2972 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(197, 208, 236)` looks like.

```
.text, #text, p{  
    color:rgb(197, 208, 236)  
}
```

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(197, 208, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 208, 236) }
```

Border

The CSS property to change the border of an element to Yxy 63.0382, 0.2863, 0.2972 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(197, 208, 236) }
```

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

```
.border{ border-color:rgb(197, 208, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 208, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 208, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 208, 236);  
box-shadow:4px 4px 4px 4px rgb(197, 208,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0382, 0.2863, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 208, 236) }
```

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

```
.background{ background-color: rgb(197,  
208, 236) }
```

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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