

Converting Colors

$Yxy(62.4696, 0.2952, 0.2924)$

Have a look what the booklet for
Yxy(62.4696, 0.2952, 0.2924)
contains.

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Color

Yxy(62.4696, 0.2952, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	D2CBEC
RGB	210, 203, 236
RGB Percent	82%, 80%, 93%
CMY	0.1766, 0.2039, 0.0744
CMYK	0.11, 0.14, 0.00, 0.07
HSL	253°, 47%, 86%
HSV	253°, 14%, 93%
XYZ	63.0678, 62.4696, 88.1069
YIQ	208.8550, -6.4210, 11.7470

Conversions

Conversions Part 2

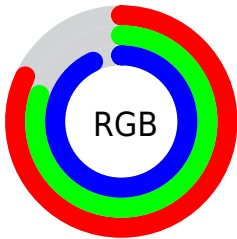
Format	Color
R _Y B	210, 203, 236
Decimal	13814764
CIE Lab	83.16, 8.68, -15.40
CIE LCh	83, 17.681, 299.411
Yxy	62.4696, 0.2952, 0.2924
Android (android.graphics.Color)	4292004844 (0xFFD2CBEC)
YUV	208.8550, 13.3825, 1.0042
Hunter-Lab	79.0377, 4.1173, -10.7669

Details

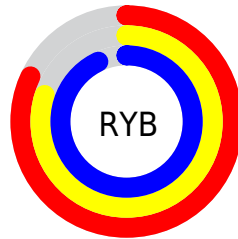
The Yxy color **62.4696, 0.2952, 0.2924** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.9876, 0.3288, 0.3642**, and the grayscale version is **63.5740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7587, 0.2906, 0.2839** is the 20% darker color. If you saturate the color by 10%, you get **49.5816, 0.2805, 0.2628**, and if you desaturate by 10%, it is **77.3785, 0.3081, 0.3192**.

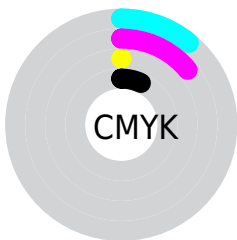
Distribution



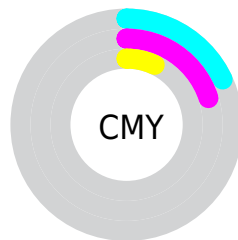
- Red (82%)
- Green (80%)
- Blue (93%)



- Red (82%)
- Yellow (80%)
- Blue (93%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4696, 0.2952, 0.2924 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 62.4696, 0.2952, 0.2924 by changing the saturation by 10% instead.

62.4696, 0.2952,
0.2924

62.4696, 0.2952,
0.2924

433.6420, 0.3036,
0.3094

45.4123, 0.2932,
0.2885

108.4039, 0.2982,
0.2983

31.7823, 0.2907,
0.2836

138.0497, 0.2993,
0.3006

21.1952, 0.2875,
0.2775

172.6605, 0.3003,
0.3026

13.2668, 0.2832,
0.2695

212.6205, 0.3011,
0.3043

7.6125, 0.2771,
0.2585

258.3143, 0.3019,
0.3058

3.8480, 0.2681,
0.2426

310.1262, 0.3025,

1.5889, 0.2531,

0.3072

0.2179

368.4406, 0.3031,
0.3084

0.3501, 0.2231,
0.1434

0.0000, 0.0000,
0.0000

62.4696, 0.2952,
0.2924

62.4696, 0.2952,
0.2924

49.5816, 0.2805,
0.2628

77.3785, 0.3081,
0.3192

38.6191, 0.2640,
0.2309

94.3823, 0.3192,
0.3430

29.4911, 0.2461,
0.1974

98.8374, 0.3238,
0.3473

22.0957, 0.2273,
0.1640

■ 16.3211, 0.2086,
0.1325

■ 12.0420, 0.1912,
0.1052

■ 9.1144, 0.1763,
0.0841

■ 7.3644, 0.1648,
0.0705

■ 6.7265, 0.1597,
0.0653

Harmonies

Analogous

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



62.4696, 0.2782, 0.2931



62.4696, 0.2952, 0.2924



62.4696, 0.3174, 0.3007

Triad

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



62.4696, 0.2952, 0.2924



62.4696, 0.3569, 0.3527



62.4696, 0.2865, 0.3421

Complementary

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



62.4696, 0.2952, 0.2924



80.9876, 0.3288, 0.3642

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.



62.4696, 0.3068, 0.3599



62.4696, 0.2952, 0.2924



62.4696, 0.3478, 0.3654

Square

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



62.4696, 0.2952, 0.2924



62.4696, 0.3537, 0.3347



62.4696, 0.3293, 0.3685



62.4696, 0.2733, 0.3211

Rectangle

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



62.4696, 0.2952, 0.2924



62.4696, 0.3323, 0.3102



62.4696, 0.3293, 0.3685



62.4696, 0.2927, 0.3488

Sweetspot

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



62.4722, 0.2952, 0.2924



92.1681, 0.3080, 0.3191



75.0282, 0.2912, 0.3217



19.4222, 0.3071, 0.3172



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.



62.4722, 0.2952, 0.2924



69.4679, 0.2909, 0.2836



64.9649, 0.3070, 0.2937



14.7016, 0.3013, 0.3049



3.7519, 0.1608, 0.0660



0.3351, 0.1736, 0.0730

Inverse Universe

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



66.2176, 0.3193, 0.3015



74.8187, 0.3209, 0.2953



78.4503, 0.3176, 0.3654



15.2563, 0.3170, 0.3106



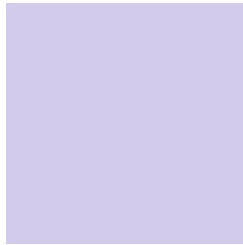
11.8120, 0.3824, 0.1880



0.9411, 0.3722, 0.1824

Previews

White Background



This preview shows how the Yxy color 62.4696, 0.2952, 0.2924 looks on a white background.

Color Contrast Check

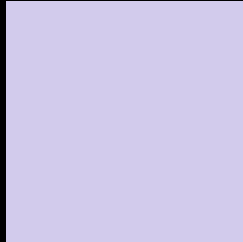
Large Text (above 18pt) WCAG AA × Fail

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 62.4696, 0.2952, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

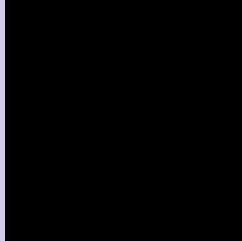
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4696, 0.2952, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 62.4696, 0.2952, 0.2924.



This preview shows how white text looks on a background with the Yxy color 62.4696, 0.2952, 0.2924.

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

62.4696, 0.2952, 0.2924

Protanopia

62.3922, 0.2884, 0.2920

Deuteranopia

62.4433, 0.2974, 0.2915



Tritanopia

62.3465, 0.3032, 0.3097

Trichromacy



Original Color

62.4696, 0.2952, 0.2924

Protanomaly

62.2793, 0.2911, 0.2921

Deuteranomaly

62.2942, 0.2967, 0.2914

Tritanomaly

62.2871, 0.3005, 0.3031

Monochromacy



Original Color

62.4696, 0.2952, 0.2924

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2954, 0.3059, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4696, 0.2952, 0.2924 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(210, 203, 236)` looks like.

```
.text, #text, p{  
    color:rgb(210, 203, 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(210, 203, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 203, 236) }
```

Border

The CSS property to change the border of an element to Yxy 62.4696, 0.2952, 0.2924 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(210, 203, 236) }
```

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

```
.border{ border-color:rgb(210, 203, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 203, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 203, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 203, 236);  
box-shadow:4px 4px 4px 4px rgb(210, 203,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4696, 0.2952, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 203, 236) }
```

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

```
.background{ background-color: rgb(210,  
203, 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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