

Converting Colors

$Yxy(62.4664, 0.2859, 0.2938)$

Have a look what the booklet for
Yxy(62.4664, 0.2859, 0.2938)
contains.

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Color

Yxy(62.3214, 0.2856, 0.2928)

Conversions

Conversions Part 1

Format	Color
Hex	C6CEEE
RGB	198, 206, 238
RGB Percent	78%, 81%, 93%
CMY	0.2237, 0.1921, 0.0666
CMYK	0.17, 0.13, 0.00, 0.07
HSL	228°, 54%, 85%
HSV	228°, 17%, 93%
XYZ	60.7889, 62.3214, 89.7360
YIQ	207.2560, -15.0400, 8.2560

Conversions

Conversions Part 2

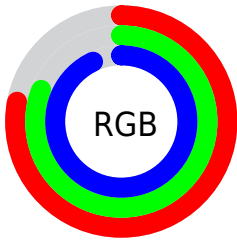
Format	Color
R _Y B	198, 205, 238
Decimal	13029102
CIE Lab	83.08, 3.70, -16.68
CIE LCh	83, 17.085, 282.519
Yxy	62.3214, 0.2856, 0.2928
Android (android.graphics.Color)	4291219182 (0xFFC6CEEE)
YUV	207.2560, 15.1568, -8.1175
Hunter-Lab	78.9439, -0.7021, -12.1346

Details

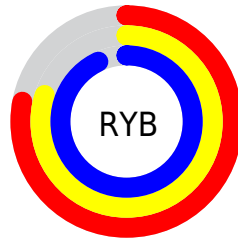
The Yxy color **62.3214, 0.2856, 0.2928** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.8431, 0.3394, 0.3628**, and the grayscale version is **62.4772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7632, 0.2791, 0.2844** is the 20% darker color. If you saturate the color by 10%, you get **50.7277, 0.2676, 0.2678**, and if you desaturate by 10%, it is **75.5370, 0.3022, 0.3152**.

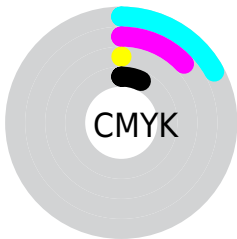
Distribution



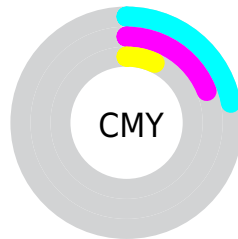
- Red (78%)
- Green (81%)
- Blue (93%)



- Red (78%)
- Yellow (80%)
- Blue (93%)



- Cyan (17%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3214, 0.2856, 0.2928 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 62.3214, 0.2856, 0.2928 by changing the saturation by 10% instead.

■ 62.3214, 0.2856,
0.2928

■ 62.3214, 0.2856,
0.2928

433.1025, 0.2985,
0.3098

■ 45.2924, 0.2826,
0.2889

108.1899, 0.2901,
0.2987

■ 31.6878, 0.2788,
0.2840

137.7983, 0.2919,
0.3010

■ 21.1232, 0.2740,
0.2778

172.3685, 0.2934,
0.3030

■ 13.2141, 0.2676,
0.2696

212.2851, 0.2947,
0.3047

■ 7.5761, 0.2588,
0.2585

257.9324, 0.2958,
0.3062

■ 3.8249, 0.2457,
0.2422

309.6948, 0.2968,

■ 1.5761, 0.2248,

0.3075

0.2167

367.9567, 0.2977,
0.3087

0.3414, 0.1718,
0.1414

0.0000, 0.0000,
0.0000

62.3214, 0.2856,
0.2928

62.3214, 0.2856,
0.2928

50.7277, 0.2676,
0.2678

75.5370, 0.3022,
0.3152

40.6852, 0.2485,
0.2403

90.4265, 0.3173,
0.3350

32.1292, 0.2290,
0.2110

98.9548, 0.3226,
0.3454

24.9873, 0.2097,
0.1808

■ 19.1809, 0.1918,
0.1512

■ 14.6232, 0.1764,
0.1238

■ 11.2166, 0.1646,
0.1004

■ 8.8455, 0.1568,
0.0823

■ 8.2721, 0.1549,
0.0777

Harmonies

Analogous

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



62.3214, 0.2738, 0.2987



62.3214, 0.2856, 0.2928



62.3214, 0.3049, 0.2961

Triad

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



62.3214, 0.2856, 0.2928



62.3214, 0.3552, 0.3425



62.3214, 0.2979, 0.3522

Complementary

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



62.3214, 0.2856, 0.2928



78.8431, 0.3394, 0.3628

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.



62.3214, 0.3194, 0.3649



62.3214, 0.2856, 0.2928



62.3214, 0.3530, 0.3583

Square

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



62.3214, 0.2856, 0.2928



62.3214, 0.3455, 0.3241



62.3214, 0.3397, 0.3668



62.3214, 0.2807, 0.3328

Rectangle

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



62.3214, 0.2856, 0.2928



62.3214, 0.3196, 0.3029



62.3214, 0.3397, 0.3668



62.3214, 0.3048, 0.3574

Sweetspot

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



62.3240, 0.2856, 0.2928



91.3315, 0.3051, 0.3190



78.8442, 0.2922, 0.3385



19.2965, 0.3040, 0.3175



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.



62.3240, 0.2856, 0.2928



68.2725, 0.2799, 0.2850



60.1493, 0.2933, 0.2845



15.7427, 0.2980, 0.3095



4.7588, 0.1555, 0.0799



0.5320, 0.1619, 0.1026

Inverse Universe

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



63.0119, 0.3386, 0.3204



69.3131, 0.3448, 0.3187



81.5206, 0.3301, 0.3719



15.8107, 0.3262, 0.3243



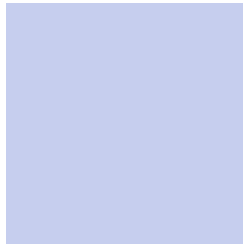
10.2738, 0.6072, 0.3118



0.8684, 0.5719, 0.2924

Previews

White Background



This preview shows how the Yxy color 62.3214, 0.2856, 0.2928 looks on a white background.

Color Contrast Check

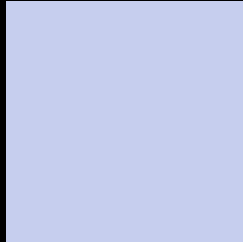
Large Text (above 18pt) WCAG AA × Fail

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 62.3214, 0.2856, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

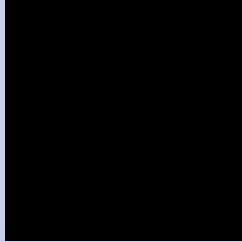
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3214, 0.2856, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 62.3214, 0.2856, 0.2928.

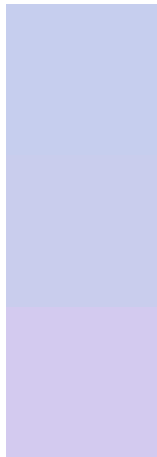


This preview shows how white text looks on a background with the Yxy color 62.3214, 0.2856, 0.2928.

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

62.3214, 0.2856, 0.2928

Protanopia

62.1946, 0.2883, 0.2930

Deuteranopia

62.3219, 0.2940, 0.2882



Tritanopia

62.2838, 0.2926, 0.3093

Trichromacy



Original Color

62.3214, 0.2856, 0.2928

Protanomaly

62.0564, 0.2876, 0.2929

Deuteranomaly

62.0657, 0.2904, 0.2889

Tritanomaly

62.2091, 0.2900, 0.3026

Monochromacy



Original Color

62.3214, 0.2856, 0.2928

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5250, 0.3029, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3214, 0.2856, 0.2928 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(198, 206, 238)` looks like.

```
.text, #text, p{  
    color:rgb(198, 206, 238)  
}
```

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(198, 206, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 206, 238) }
```

Border

The CSS property to change the border of an element to Yxy 62.3214, 0.2856, 0.2928 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(198, 206, 238) }
```

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

```
.border{ border-color:rgb(198, 206, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 206, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 206, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 206, 238);  
box-shadow:4px 4px 4px 4px rgb(198, 206,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3214, 0.2856, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 206, 238) }
```

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

```
.background{ background-color: rgb(198,  
206, 238) }
```

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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