

Converting Colors

Yxy(62.5514, 0.2876, 0.2973)

Have a look what the booklet for
Yxy(62.5514, 0.2876, 0.2973)
contains.

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Color

Yxy(62.6296, 0.2876, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	C6CFEB
RGB	198, 207, 235
RGB Percent	78%, 81%, 92%
CMY	0.2233, 0.1883, 0.0784
CMYK	0.16, 0.12, 0.00, 0.08
HSL	225°, 48%, 85%
HSV	225°, 16%, 92%
XYZ	60.6066, 62.6296, 87.4960
YIQ	207.5010, -14.3520, 6.8000

Conversions

Conversions Part 2

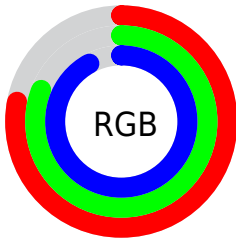
Format	Color
R _Y B	198, 205, 235
Decimal	13029355
CIE Lab	83.25, 2.57, -14.82
CIE LCh	83, 15.045, 279.833
Yxy	62.6296, 0.2876, 0.2972
Android (android.graphics.Color)	4291219435 (0xFFC6CFEB)
YUV	207.5010, 13.5570, -8.3324
Hunter-Lab	79.1389, -1.7931, -10.1539

Details

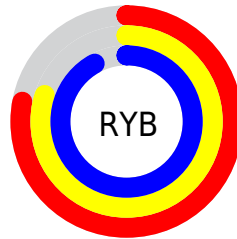
The Yxy color **62.6296, 0.2876, 0.2972** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.1704, 0.3377, 0.3589**, and the grayscale version is **62.6606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.9664, 0.2816, 0.2901** is the 20% darker color. If you saturate the color by 10%, you get **51.5315, 0.2700, 0.2738**, and if you desaturate by 10%, it is **75.2022, 0.3040, 0.3181**.

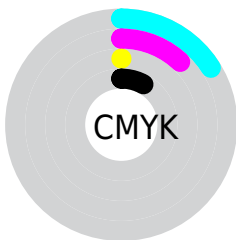
Distribution



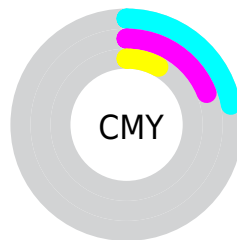
- Red (78%)
- Green (81%)
- Blue (92%)



- Red (78%)
- Yellow (80%)
- Blue (92%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6296, 0.2876, 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 62.6296, 0.2876, 0.2972 by changing the saturation by 10% instead.

■ 62.6296, 0.2876,
0.2972

■ 62.6296, 0.2876,
0.2972

434.2240, 0.2995,
0.3122

■ 45.5416, 0.2848,
0.2937

108.6350, 0.2918,
0.3024

■ 31.8843, 0.2813,
0.2894

138.3211, 0.2934,
0.3045

■ 21.2731, 0.2769,
0.2839

172.9755, 0.2948,
0.3062

■ 13.3238, 0.2710,
0.2767

212.9825, 0.2960,
0.3077

■ 7.6519, 0.2628,
0.2667

258.7264, 0.2970,
0.3090

■ 3.8730, 0.2507,
0.2521

310.5917, 0.2979,

■ 1.6028, 0.2311,

0.3102

0.2289

368.9627, 0.2988,
0.3112

0.3595, 0.1782,
0.1584

0.0000, 0.0000,
0.0000

62.6296, 0.2876,
0.2972

62.6296, 0.2876,
0.2972

51.5315, 0.2700,
0.2738

75.2022, 0.3040,
0.3181

41.8453, 0.2513,
0.2481

89.2937, 0.3189,
0.3366

33.5150, 0.2323,
0.2204

98.7786, 0.3244,
0.3483

26.4778, 0.2134,
0.1917

■ 20.6658, 0.1958,
0.1630

■ 16.0043, 0.1804,
0.1358

■ 12.4095, 0.1681,
0.1117

■ 9.7842, 0.1597,
0.0920

■ 8.9114, 0.1570,
0.0850

Harmonies

Analogous

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



62.6296, 0.2779, 0.3033



62.6296, 0.2876, 0.2972



62.6296, 0.3042, 0.2993

Triad

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



62.6296, 0.2876, 0.2972



62.6296, 0.3496, 0.3396



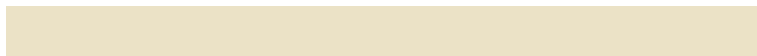
62.6296, 0.3013, 0.3506

Complementary

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



62.6296, 0.2876, 0.2972



76.1704, 0.3377, 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.



62.6296, 0.3204, 0.3609



62.6296, 0.2876, 0.2972



62.6296, 0.3487, 0.3538

Square

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



62.6296, 0.2876, 0.2972



62.6296, 0.3403, 0.3233



62.6296, 0.3378, 0.3619



62.6296, 0.2856, 0.3340

Rectangle

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



62.6296, 0.2876, 0.2972



62.6296, 0.3171, 0.3049



62.6296, 0.3378, 0.3619



62.6296, 0.3075, 0.3550

Sweetspot

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



62.6322, 0.2876, 0.2972



91.6493, 0.3051, 0.3195



76.9112, 0.2942, 0.3392



19.3735, 0.3040, 0.3181



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.



62.6322, 0.2876, 0.2972



70.7054, 0.2818, 0.2896



59.7156, 0.2938, 0.2876



15.1408, 0.2980, 0.3106



5.1254, 0.1576, 0.0874



0.5489, 0.1648, 0.1133

Inverse Universe

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



62.5781, 0.3354, 0.3194



70.7442, 0.3414, 0.3172



79.6313, 0.3298, 0.3688



15.1138, 0.3255, 0.3233



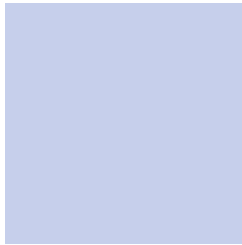
10.0102, 0.5951, 0.3052



0.8008, 0.5563, 0.2838

Previews

White Background



This preview shows how the Yxy color 62.6296, 0.2876, 0.2972 looks on a white background.

Color Contrast Check

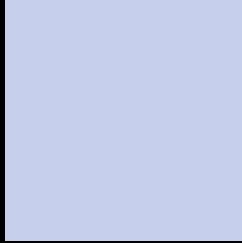
Large Text (above 18pt) WCAG AA × Fail

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 62.6296, 0.2876, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

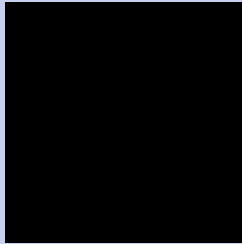
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

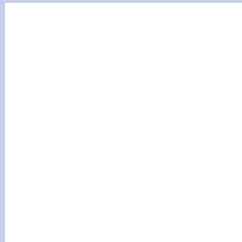
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6296, 0.2876, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 62.6296, 0.2876, 0.2972.

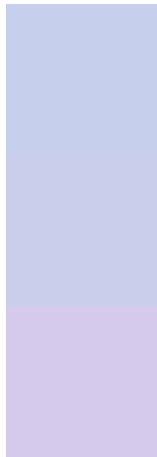


This preview shows how white text looks on a background with the Yxy color 62.6296, 0.2876, 0.2972.

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

62.6296, 0.2876, 0.2972

Protanopia

62.7796, 0.2916, 0.2975

Deuteranopia

62.5933, 0.2981, 0.2916



Tritanopia

62.7729, 0.2926, 0.3105

Trichromacy



Original Color

62.6296, 0.2876, 0.2972

Protanomaly

62.5006, 0.2902, 0.2973

Deuteranomaly

62.6518, 0.2938, 0.2934

Tritanomaly

62.6392, 0.2907, 0.3049

Monochromacy



Original Color

62.6296, 0.2876, 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 62.6296, 0.2876, 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(198, 207, 235)` looks like.

```
.text, #text, p{  
    color:rgb(198, 207, 235)  
}
```

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, 207, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 207, 235) }
```

Border

The CSS property to change the border of an element to Yxy 62.6296, 0.2876, 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(198, 207, 235) }
```

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

```
.border{ border-color:rgb(198, 207, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 207, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 207, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 207, 235);  
box-shadow:4px 4px 4px 4px rgb(198, 207,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6296, 0.2876, 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(198, 207, 235) }
```

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

```
.background{ background-color: rgb(198,  
207, 235) }
```

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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