

Converting Colors

$Yxy(72.6767, 0.2835, 0.3029)$

Have a look what the booklet for
Yxy(72.6767, 0.2835, 0.3029)
contains.

Yxy(72.6452, 0.2833, 0.3029)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.6452, 0.2833, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	CAE0F8
RGB	202, 224, 248
RGB Percent	79%, 88%, 97%
CMY	0.2080, 0.1215, 0.0275
CMYK	0.19, 0.10, 0.00, 0.03
HSL	211°, 77%, 88%
HSV	211°, 19%, 97%
XYZ	67.9445, 72.6452, 99.2426
YIQ	220.1580, -20.8160, 2.8000

Conversions

Conversions Part 2

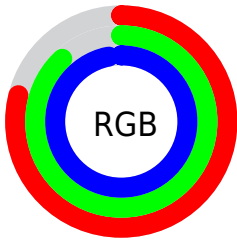
Format	Color
R _Y B	202, 217, 248
Decimal	13295864
CIE Lab	88.28, -2.41, -14.12
CIE LCh	88, 14.327, 260.335
Yxy	72.6452, 0.2833, 0.3029
Android (android.graphics.Color)	4291485944 (0xFFCAE0F8)
YUV	220.1580, 13.7261, -15.9246
Hunter-Lab	85.2322, -6.8615, -9.3736

Details

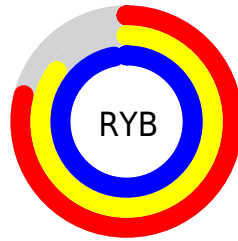
The Yxy color **72.6452, 0.2833, 0.3029** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.5691, 0.3446, 0.3538**, and the grayscale version is **71.5955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3847, 0.2759, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **62.7832, 0.2667, 0.2866**, and if you desaturate by 10%, it is **83.5961, 0.2994, 0.3176**.

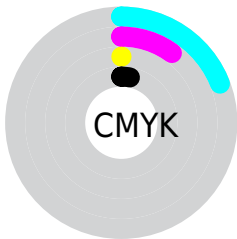
Distribution



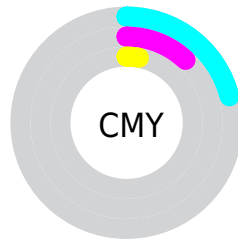
- Red (79%)
- Green (88%)
- Blue (97%)



- Red (79%)
- Yellow (85%)
- Blue (97%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (21%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6452, 0.2833, 0.3029 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 72.6452, 0.2833, 0.3029 by changing the saturation by 10% instead.

■ 72.6452, 0.2833,
0.3029

■ 72.6452, 0.2833,
0.3029

469.7842, 0.2968,
0.3150

■ 53.6859, 0.2802,
0.3001

122.9734, 0.2880,
0.3071

■ 38.3506, 0.2765,
0.2967

155.1111, 0.2898,
0.3087

■ 26.2549, 0.2717,
0.2924

192.4103, 0.2914,
0.3101

■ 17.0144, 0.2656,
0.2868

235.2556, 0.2927,
0.3113

■ 10.2448, 0.2573,
0.2792

284.0312, 0.2939,
0.3124

■ 5.5616, 0.2455,
0.2683

339.1216, 0.2950,

■ 2.5804, 0.2276,

0.3134

0.2515

400.9111, 0.2960,
0.3142

0.9168, 0.1973,
0.2227

0.0000, 0.0000,
0.0000

72.6452, 0.2833,
0.3029

72.6452, 0.2833,
0.3029

62.7832, 0.2667,
0.2866

83.5961, 0.2994,
0.3176

53.9631, 0.2501,
0.2688

95.6630, 0.3149,
0.3308

46.1471, 0.2337,
0.2498

99.5570, 0.3168,
0.3357

39.2913, 0.2183,
0.2297

■ 33.3479, 0.2042,
0.2092

■ 28.2635, 0.1922,
0.1887

■ 23.9770, 0.1825,
0.1689

■ 20.4061, 0.1753,
0.1504

■ 19.9391, 0.1744,
0.1478

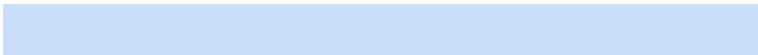
Harmonies

Analogous

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



72.6452, 0.2797, 0.3130



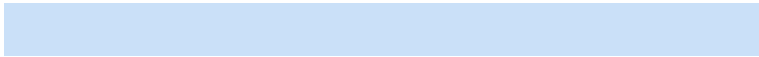
72.6452, 0.2833, 0.3029



72.6452, 0.2947, 0.2999

Triad

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



72.6452, 0.2833, 0.3029



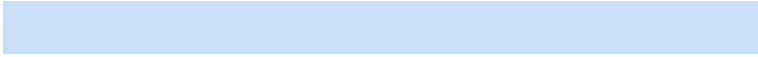
72.6452, 0.3416, 0.3290



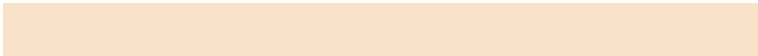
72.6452, 0.3136, 0.3555

Complementary

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



72.6452, 0.2833, 0.3029



78.5691, 0.3446, 0.3538

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.



72.6452, 0.3304, 0.3595



72.6452, 0.2833, 0.3029



72.6452, 0.3469, 0.3436

Square

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



72.6452, 0.2833, 0.3029



72.6452, 0.3284, 0.3149



72.6452, 0.3428, 0.3549



72.6452, 0.2969, 0.3437

Rectangle

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



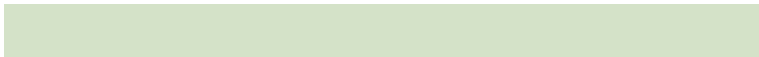
72.6452, 0.2833, 0.3029



72.6452, 0.3053, 0.3021



72.6452, 0.3428, 0.3549



72.6452, 0.3194, 0.3578

Sweetspot

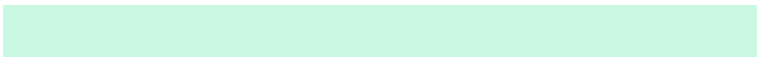
The Sweet Spot groups the original color and five complimentary colors.



72.6482, 0.2833, 0.3029



92.2348, 0.3035, 0.3211



85.1579, 0.2969, 0.3531



19.5668, 0.3024, 0.3203



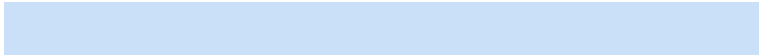
0.0000, 0.0000, 0.0000



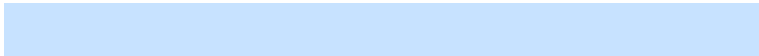
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6482, 0.2833, 0.3029



73.6267, 0.2776, 0.2974



61.6508, 0.2824, 0.2781



18.0158, 0.2980, 0.3163



11.0490, 0.1752, 0.1507



1.2343, 0.1813, 0.1728

Inverse Universe

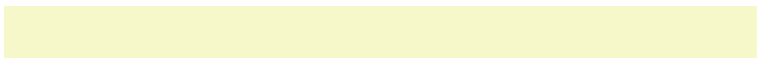
The Inverse Universe completely reimagines the original color for something new.



67.5555, 0.3322, 0.3063



67.5403, 0.3367, 0.3019



91.2092, 0.3402, 0.3754



17.3638, 0.3218, 0.3177



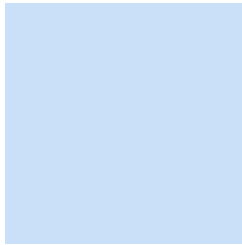
11.5263, 0.5050, 0.2556



1.0888, 0.4772, 0.2403

Previews

White Background



This preview shows how the Yxy color 72.6452, 0.2833, 0.3029 looks on a white background.

Color Contrast Check

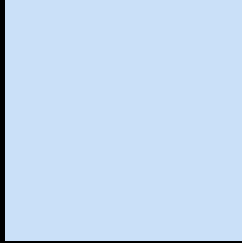
Large Text (above 18pt) WCAG AA × Fail

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 72.6452, 0.2833, 0.3029 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

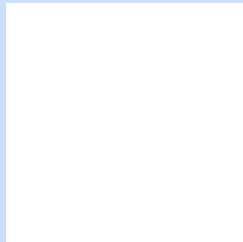
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6452, 0.2833, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 72.6452, 0.2833, 0.3029.

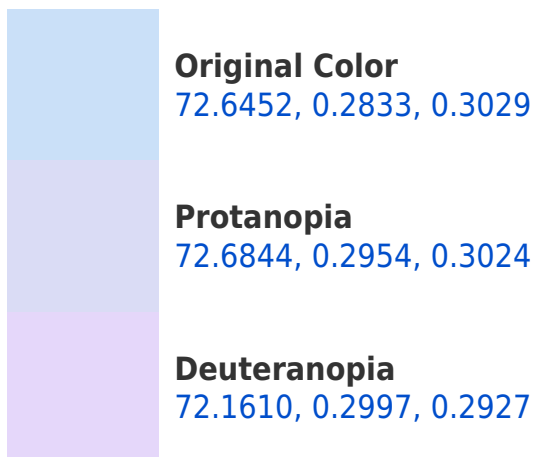


This preview shows how white text looks on a background with the Yxy color 72.6452, 0.2833, 0.3029.

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

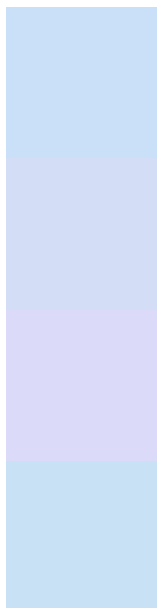




Tritanopia

72.7390, 0.2856, 0.3092

Trichromacy



Original Color

72.6452, 0.2833, 0.3029

Protanomaly

72.3638, 0.2908, 0.3022

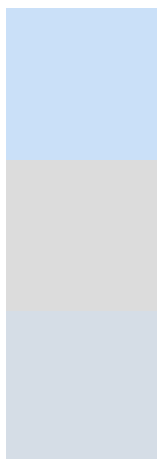
Deuteranomaly

72.0424, 0.2935, 0.2962

Tritanomaly

72.8605, 0.2845, 0.3071

Monochromacy



Original Color

72.6452, 0.2833, 0.3029

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5722, 0.3013, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6452, 0.2833, 0.3029 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(202, 224, 248)` looks like.

```
.text, #text, p{  
    color:rgb(202, 224, 248)  
}
```

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(202, 224, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 224, 248) }
```

Border

The CSS property to change the border of an element to Yxy 72.6452, 0.2833, 0.3029 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(202, 224, 248) }
```

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

```
.border{ border-color:rgb(202, 224, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 224, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 224, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 224, 248); box-shadow:4px 4px 4px 4px rgb(202, 224, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6452, 0.2833, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 224, 248) }
```

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

```
.background{ background-color: rgb(202,  
224, 248) }
```

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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