

Converting Colors

$Yxy(72.2499, 0.2961, 0.3208)$

Have a look what the booklet for
Yxy(72.2499, 0.2961, 0.3208)
contains.

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Color

Yxy(72.2026, 0.2960, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	CEE0E7
RGB	206, 224, 231
RGB Percent	81%, 88%, 91%
CMY	0.1921, 0.1216, 0.0940
CMYK	0.11, 0.03, 0.00, 0.09
HSL	197°, 34%, 86%
HSV	197°, 11%, 91%
XYZ	66.5379, 72.2026, 86.0497
YIQ	219.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

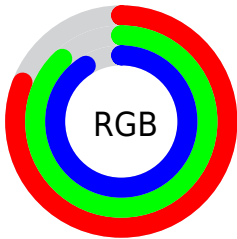
Format	Color
R_{YB}	206, 216, 231
Decimal	13557991
CIE Lab	88.07, -4.60, -5.49
CIE LCh	88, 7.157, 230.034
Yxy	72.2026, 0.2960, 0.3212
Android (android.graphics.Color)	4291748071 (0xFFCEE0E7)
YUV	219.4160, 5.7109, -11.7658
Hunter-Lab	84.9721, -8.9258, -0.5614

Details

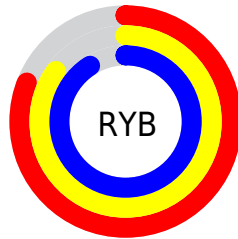
The Yxy color `72.2026, 0.2960, 0.3212` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `69.0583, 0.3311, 0.3367`, and the grayscale version is `71.1124, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.1465, 0.2928, 0.3203` is the 20% darker color. If you saturate the color by 10%, you get `65.7160, 0.2806, 0.3132`, and if you desaturate by 10%, it is `79.3144, 0.3114, 0.3284`.

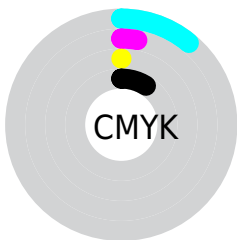
Distribution



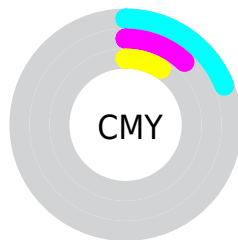
- Red (81%)
- Green (88%)
- Blue (91%)



- Red (81%)
- Yellow (85%)
- Blue (91%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2026, 0.2960, 0.3212 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 72.2026, 0.2960, 0.3212 by changing the saturation by 10% instead.

■ 72.2026, 0.2960,
0.3212

■ 72.2026, 0.2960,
0.3212

468.2465, 0.3037,
0.3249

■ 53.3242, 0.2942,
0.3203

122.3445, 0.2987,
0.3225

■ 38.0616, 0.2921,
0.3193

154.3768, 0.2997,
0.3230

■ 26.0305, 0.2893,
0.3179

191.5626, 0.3006,
0.3234

■ 16.8465, 0.2857,
0.3162

234.2861, 0.3014,
0.3238

■ 10.1251, 0.2808,
0.3137

282.9319, 0.3021,
0.3241

■ 5.4820, 0.2738,
0.3101

337.8843, 0.3027,

■ 2.5327, 0.2628,

0.3244

0.3042

399.5277, 0.3032,
0.3246

0.8930, 0.2422,
0.2937

0.0000, 0.0000,
0.0000

72.2026, 0.2960,
0.3212

72.2026, 0.2960,
0.3212

65.7160, 0.2806,
0.3132

79.3144, 0.3114,
0.3284

59.8230, 0.2657,
0.3046

87.0636, 0.3267,
0.3349

54.5023, 0.2514,
0.2952

91.4137, 0.3279,
0.3412

49.7280, 0.2382,
0.2853

95.3772, 0.3273,
0.3474

■ 45.4716, 0.2265,
0.2750

■ 98.5510, 0.3268,
0.3522

■ 41.7013, 0.2164,
0.2644

■ 38.3810, 0.2083,
0.2537

■ 35.4679, 0.2023,
0.2431

■ 33.0897, 0.1982,
0.2335

Harmonies

Analogous

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



72.2026, 0.2986, 0.3287



72.2026, 0.2960, 0.3212



72.2026, 0.2978, 0.3160

Triad

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



72.2026, 0.2960, 0.3212



72.2026, 0.3205, 0.3218



72.2026, 0.3217, 0.3441

Complementary

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



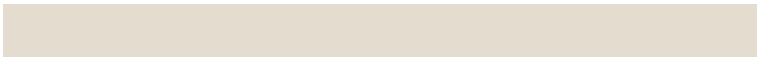
72.2026, 0.2960, 0.3212



69.0583, 0.3311, 0.3367

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.



72.2026, 0.3278, 0.3420



72.2026, 0.2960, 0.3212



72.2026, 0.3271, 0.3291

Square

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



72.2026, 0.2960, 0.3212



72.2026, 0.3119, 0.3164



72.2026, 0.3297, 0.3365



72.2026, 0.3134, 0.3421

Rectangle

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



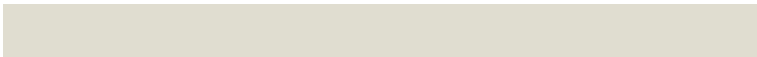
72.2026, 0.2960, 0.3212



72.2026, 0.3013, 0.3144



72.2026, 0.3297, 0.3365



72.2026, 0.3241, 0.3439

Sweetspot

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



72.2056, 0.2960, 0.3212



97.2143, 0.3081, 0.3269



75.0783, 0.3073, 0.3495



20.6511, 0.3068, 0.3263



0.0000, 0.0000, 0.0000



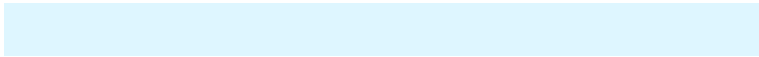
21.4041, 0.3127, 0.3290

Same Dimension

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



72.2056, 0.2960, 0.3212



88.4475, 0.2925, 0.3195



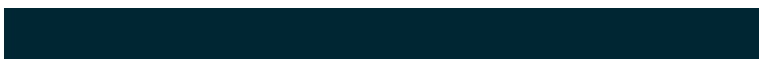
65.9058, 0.2958, 0.3075



15.6160, 0.2981, 0.3222



18.7658, 0.1987, 0.2352



1.5419, 0.2029, 0.2505

Inverse Universe

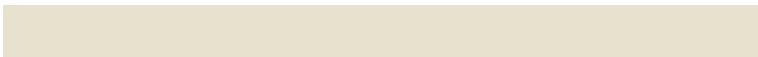
The Inverse Universe completely reimagines the original color for something new.



66.5234, 0.3189, 0.3097



80.0576, 0.3203, 0.3056



75.4034, 0.3296, 0.3496



14.5425, 0.3181, 0.3122



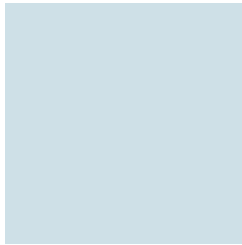
11.0921, 0.4072, 0.2017



0.8353, 0.3917, 0.1931

Previews

White Background



This preview shows how the Yxy color 72.2026, 0.2960, 0.3212 looks on a white background.

Color Contrast Check

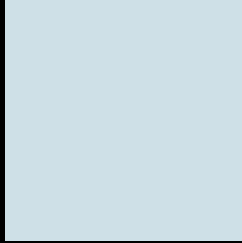
Large Text (above 18pt) WCAG AA × Fail

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 72.2026, 0.2960, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

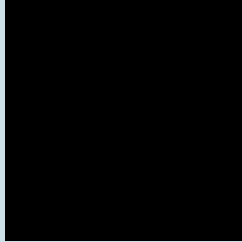
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

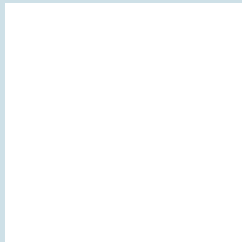
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2026, 0.2960, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 72.2026, 0.2960, 0.3212.

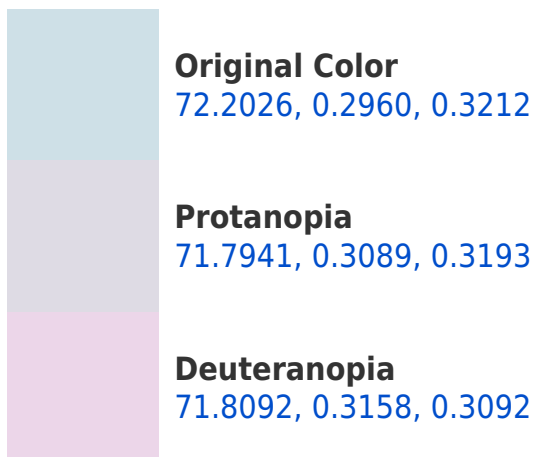


This preview shows how white text looks on a background with the Yxy color 72.2026, 0.2960, 0.3212.

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

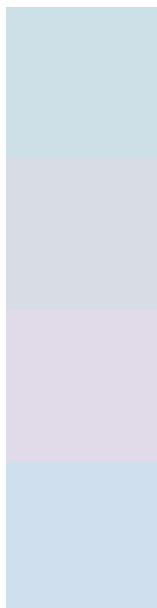




Tritanopia

72.4765, 0.2918, 0.3105

Trichromacy



Original Color

72.2026, 0.2960, 0.3212

Protanomaly

71.9690, 0.3040, 0.3203

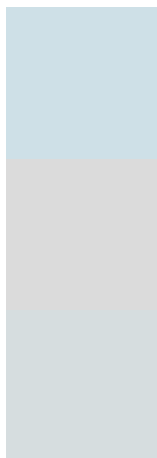
Deuteranomaly

71.9766, 0.3084, 0.3141

Tritanomaly

72.1552, 0.2930, 0.3136

Monochromacy



Original Color

72.2026, 0.2960, 0.3212

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.3368, 0.3065, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2026, 0.2960, 0.3212 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(206, 224, 231)` looks like.

```
.text, #text, p{  
    color:rgb(206, 224, 231)  
}
```

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(206, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 224, 231) }
```

Border

The CSS property to change the border of an element to Yxy 72.2026, 0.2960, 0.3212 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(206, 224, 231) }
```

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

```
.border{ border-color:rgb(206, 224, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 224, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 224, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 224, 231);  
box-shadow:4px 4px 4px 4px rgb(206, 224,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2026, 0.2960, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 224, 231) }
```

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

```
.background{ background-color: rgb(206,  
224, 231) }
```

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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