

Converting Colors

$Yxy(72.2553, 0.2745, 0.3227)$

Have a look what the booklet for
Yxy(72.2553, 0.2745, 0.3227)
contains.

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Color

Yxy(72.3219, 0.2743, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	AFE7EC
RGB	175, 231, 236
RGB Percent	69%, 91%, 93%
CMY	0.3140, 0.0940, 0.0746
CMYK	0.26, 0.02, 0.00, 0.07
HSL	185°, 62%, 81%
HSV	185°, 26%, 93%
XYZ	61.3796, 72.3219, 90.0667
YIQ	214.8260, -34.9810, -10.3170

Conversions

Conversions Part 2

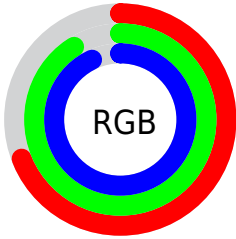
Format	Color
RYB	175, 204, 236
Decimal	11528172
CIELab	88.12, -16.63, -8.22
CIELCh	88, 18.548, 206.308
Yxy	72.3219, 0.2743, 0.3232
Android (android.graphics.Color)	4289718252 (0xFFAFE7EC)
YUV	214.8260, 10.4388, -34.9274
Hunter-Lab	85.0423, -19.9909, -3.2634

Details

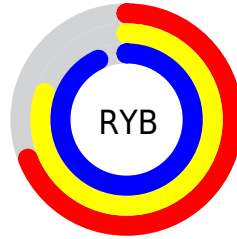
The Yxy color **72.3219, 0.2743, 0.3232** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **53.5163, 0.3666, 0.3347**, and the grayscale version is **67.7680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **38.0202, 0.2658, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **68.7631, 0.2612, 0.3207**, and if you desaturate by 10%, it is **76.3754, 0.2885, 0.3256**.

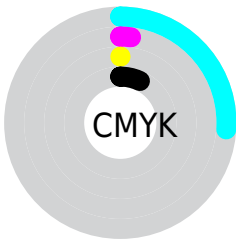
Distribution



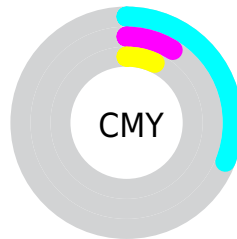
- Red (69%)
- Green (91%)
- Blue (93%)



- Red (69%)
- Yellow (80%)
- Blue (93%)



- Cyan (26%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)





- Cyan (31%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3219, 0.2743, 0.3232 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 72.3219, 0.2743, 0.3232 by changing the saturation by 10% instead.


 72.3219, 0.2743,
0.3232

 72.3219, 0.2743,
0.3232


468.6612, 0.2919,
0.3262

 53.4217, 0.2703,
0.3225


 122.5141, 0.2804,
0.3243

 38.1395, 0.2655,
0.3215


154.5748, 0.2827,
0.3247

 26.0910, 0.2593,
0.3203


191.7912, 0.2848,
0.3250

 16.8917, 0.2513,
0.3185

234.5476, 0.2866,
0.3253

 10.1573, 0.2406,
0.3160

283.2284, 0.2881,
0.3256

 5.5034, 0.2255,
0.3121

338.2180, 0.2895,

 2.5455, 0.2025,

0.3258

399.9008, 0.2908,
0.3260

0.3053

0.8994, 0.1481,
0.2968

0.0000, 0.0000,
0.0000

72.3219, 0.2743,
0.3232

72.3219, 0.2743,
0.3232

68.7631, 0.2612,
0.3207

76.3754, 0.2885,
0.3256

65.6652, 0.2495,
0.3180

80.9378, 0.3036,
0.3278

63.0042, 0.2395,
0.3153

86.0336, 0.3192,
0.3298


60.7500, 0.2313,
0.3125


88.8664, 0.3253,
0.3317


 58.8687, 0.2251,
0.3097

 89.9927, 0.3251,
0.3336


 57.3208, 0.2208,
0.3069

 91.1309, 0.3249,
0.3354

 56.0573, 0.2182,
0.3041

 92.2811, 0.3248,
0.3373

 55.5864, 0.2175,
0.3030

 93.4432, 0.3246,
0.3391

 94.6174, 0.3244,
0.3410

Harmonies

Analogous

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



72.3219, 0.2884, 0.3442



72.3219, 0.2743, 0.3232



72.3219, 0.2702, 0.3048

Triad

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



72.3219, 0.2743, 0.3232



72.3219, 0.3151, 0.2995



72.3219, 0.3492, 0.3645

Complementary

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



72.3219, 0.2743, 0.3232



53.5163, 0.3666, 0.3347

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.



72.3219, 0.3571, 0.3510



72.3219, 0.2743, 0.3232



72.3219, 0.3370, 0.3141

Square

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



72.3219, 0.2743, 0.3232



72.3219, 0.2931, 0.2921



72.3219, 0.3526, 0.3327



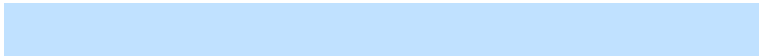
72.3219, 0.3315, 0.3686

Rectangle

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



72.3219, 0.2743, 0.3232



72.3219, 0.2736, 0.2964



72.3219, 0.3526, 0.3327



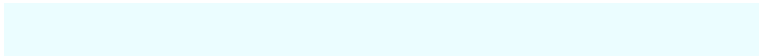
72.3219, 0.3531, 0.3608

Sweetspot

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



72.3248, 0.2743, 0.3232



95.2816, 0.3003, 0.3273



72.3400, 0.3069, 0.3979



20.2141, 0.2980, 0.3270



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.



72.3248, 0.2743, 0.3232



83.9362, 0.2673, 0.3219



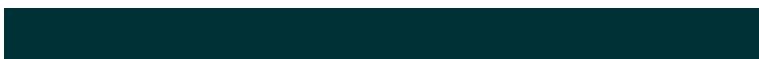
57.1112, 0.2710, 0.2878



16.9003, 0.2981, 0.3270



30.7366, 0.2176, 0.3034



2.4756, 0.2187, 0.3072

Inverse Universe

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



54.2301, 0.3196, 0.2695



59.1044, 0.3213, 0.2573



66.7797, 0.3585, 0.3669



15.2914, 0.3150, 0.3076



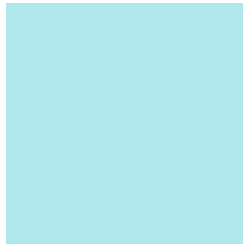
12.5957, 0.3424, 0.1660



0.9953, 0.3391, 0.1642

Previews

White Background



This preview shows how the Yxy color 72.3219, 0.2743, 0.3232 looks on a white background.

Color Contrast Check

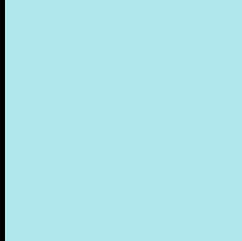
Large Text (above 18pt) WCAG AA × Fail

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 72.3219, 0.2743, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

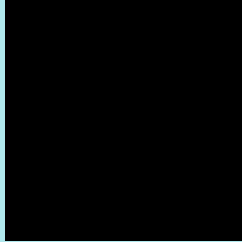
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3219, 0.2743, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 72.3219, 0.2743, 0.3232.

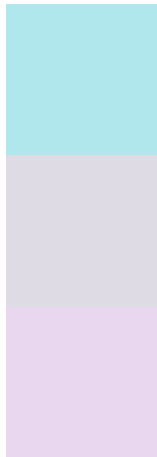


This preview shows how white text looks on a background with the Yxy color 72.3219, 0.2743, 0.3232.

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

72.3219, 0.2743, 0.3232

Protanopia

71.8498, 0.3083, 0.3182

Deuteranopia

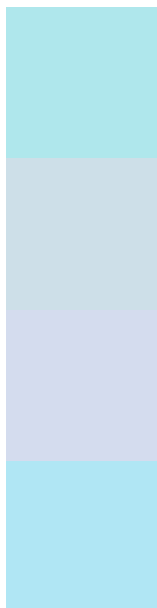
71.6488, 0.3096, 0.3029



Tritanopia

72.1630, 0.2689, 0.3075

Trichromacy



Original Color

72.3219, 0.2743, 0.3232

Protanomaly

71.5807, 0.2947, 0.3190

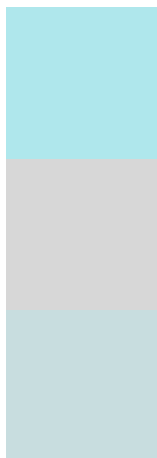
Deuteranomaly

71.3565, 0.2956, 0.3094

Tritanomaly

72.3554, 0.2705, 0.3130

Monochromacy



Original Color

72.3219, 0.2743, 0.3232

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.3200, 0.2969, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3219, 0.2743, 0.3232 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(175, 231, 236)` looks like.

```
.text, #text, p{  
    color:rgb(175, 231, 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(175, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 231, 236) }
```

Border

The CSS property to change the border of an element to Yxy 72.3219, 0.2743, 0.3232 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(175, 231, 236) }
```

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

```
.border{ border-color:rgb(175, 231, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 231, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 231, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 231, 236); box-shadow:4px 4px 4px 4px rgb(175, 231, 236) }
```


Background

The CSS property to change the background color of an element to `rgb(72.3219, 0.2743, 0.3232)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 231, 236) }
```

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

```
.background{ background-color: rgb(175,  
231, 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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