

Converting Colors

$Yxy(72.5942, 0.2944, 0.3391)$

Have a look what the booklet for
Yxy(72.5942, 0.2944, 0.3391)
contains.

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Color

Yxy(72.5434, 0.2942, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	C1E5DC
RGB	193, 229, 220
RGB Percent	76%, 90%, 86%
CMY	0.2434, 0.1019, 0.1372
CMYK	0.16, 0.00, 0.04, 0.10
HSL	165°, 41%, 83%
HSV	165°, 16%, 90%
XYZ	62.9194, 72.5434, 78.4033
YIQ	217.2100, -18.5670, -10.4310

Conversions

Conversions Part 2

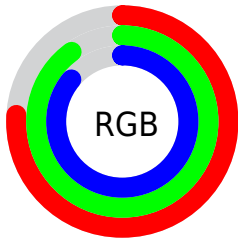
Format	Color
RYB	193, 214, 229
Decimal	12707292
CIELab	88.23, -13.50, 0.44
CIElCh	88, 13.508, 178.116
Yxy	72.5434, 0.2942, 0.3392
Android (android.graphics.Color)	4290897372 (0xFFC1E5DC)
YUV	217.2100, 1.3755, -21.2322
Hunter-Lab	85.1724, -17.1884, 5.0428

Details

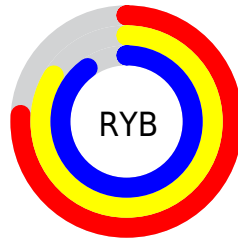
The Yxy color **72.5434, 0.2942, 0.3392** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.0366, 0.3352, 0.3191**, and the grayscale version is **69.5346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **38.0927, 0.2899, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **69.4693, 0.2832, 0.3465**, and if you desaturate by 10%, it is **76.0999, 0.3058, 0.3325**.

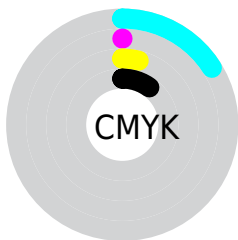
Distribution



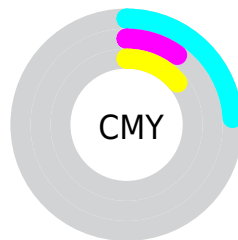
- Red (76%)
- Green (90%)
- Blue (86%)



- Red (76%)
- Yellow (84%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)





- Cyan (24%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5434, 0.2942, 0.3392 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 72.5434, 0.2942, 0.3392 by changing the saturation by 10% instead.


 72.5434, 0.2942,
0.3392

 72.5434, 0.2942,
0.3392


469.4308, 0.3028,
0.3345

 53.6027, 0.2922,
0.3403


 122.8288, 0.2972,
0.3376

 38.2841, 0.2898,
0.3416


154.9423, 0.2983,
0.3369

 26.2033, 0.2867,
0.3433


192.2154, 0.2993,
0.3364

 16.9758, 0.2827,
0.3456

235.0327, 0.3002,
0.3359

 10.2172, 0.2772,
0.3486

283.7785, 0.3010,
0.3355

 5.5432, 0.2692,
0.3531


338.8372, 0.3016,


 2.5694, 0.2566,

0.3351


400.5931, 0.3022,
0.3348


0.3601


 0.9113, 0.2227,
0.3784


 0.0000, 0.0000,
0.0000


 72.5434, 0.2942,
0.3392


 72.5434, 0.2942,
0.3392


 69.4693, 0.2832,
0.3465


 76.0999, 0.3058,
0.3325


 66.8471, 0.2732,
0.3544


 80.1499, 0.3179,
0.3265


 64.6566, 0.2645,
0.3628


 83.4328, 0.3254,
0.3210


 62.8726, 0.2573,
0.3717


 83.7727, 0.3217,
0.3155


 61.4672, 0.2519,
0.3809

 84.1233, 0.3180,
0.3100


 60.4088, 0.2485,
0.3903

 84.4848, 0.3143,
0.3045

 59.6610, 0.2470,
0.3996

 84.5288, 0.3139,
0.3039

 59.1782, 0.2475,
0.4089

 59.0214, 0.2480,
0.4129

Harmonies

Analogous

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



72.5434, 0.3093, 0.3516



72.5434, 0.2942, 0.3392



72.5434, 0.2842, 0.3241

Triad

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



72.5434, 0.2942, 0.3392



72.5434, 0.2994, 0.3020



72.5434, 0.3448, 0.3460

Complementary

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



72.5434, 0.2942, 0.3392



59.0366, 0.3352, 0.3191

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.



72.5434, 0.3421, 0.3327



72.5434, 0.2942, 0.3392



72.5434, 0.3155, 0.3078

Square

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



72.5434, 0.2942, 0.3392



72.5434, 0.2871, 0.3030



72.5434, 0.3313, 0.3189



72.5434, 0.3387, 0.3553

Rectangle

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



72.5434, 0.2942, 0.3392



72.5434, 0.2816, 0.3148



72.5434, 0.3313, 0.3189



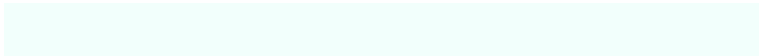
72.5434, 0.3449, 0.3419

Sweetspot

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



72.5464, 0.2942, 0.3392



97.4582, 0.3067, 0.3321



72.4474, 0.3170, 0.3704



20.7864, 0.3058, 0.3325



0.0000, 0.0000, 0.0000



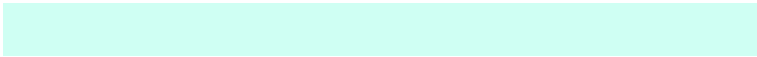
21.4041, 0.3127, 0.3290

Same Dimension

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



72.5464, 0.2942, 0.3392



91.1860, 0.2904, 0.3416



68.1737, 0.2885, 0.3187



16.2717, 0.3015, 0.3349



33.7597, 0.2476, 0.4114



2.5093, 0.2439, 0.3979

Inverse Universe

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



59.0366, 0.3352, 0.3191



70.7637, 0.3411, 0.3168



62.7310, 0.3408, 0.3391



14.4267, 0.3253, 0.3232



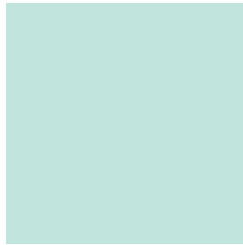
9.7103, 0.5925, 0.3038



0.7322, 0.5512, 0.2810

Previews

White Background



This preview shows how the Yxy color 72.5434, 0.2942, 0.3392 looks on a white background.

Color Contrast Check

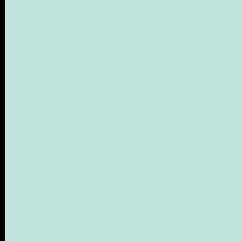
Large Text (above 18pt) WCAG AA × Fail

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 72.5434, 0.2942, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

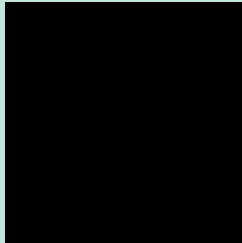
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

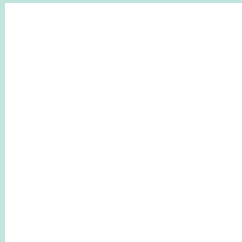
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5434, 0.2942, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 72.5434, 0.2942, 0.3392.

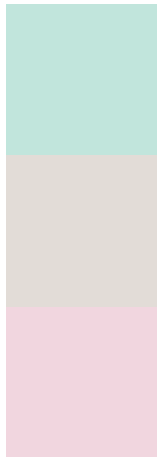


This preview shows how white text looks on a background with the Yxy color 72.5434, 0.2942, 0.3392.

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

72.5434, 0.2942, 0.3392

Protanopia

72.2614, 0.3204, 0.3344

Deuteranopia

72.1216, 0.3264, 0.3197



Tritanopia

72.1918, 0.2831, 0.3091

Trichromacy



Original Color

72.5434, 0.2942, 0.3392

Protanomaly

72.0812, 0.3103, 0.3356

Deuteranomaly

71.7843, 0.3143, 0.3258

Tritanomaly

72.1266, 0.2872, 0.3189

Monochromacy



Original Color

72.5434, 0.2942, 0.3392

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.1848, 0.3055, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5434, 0.2942, 0.3392 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(193, 229, 220)` looks like.

```
.text, #text, p{  
    color:rgb(193, 229, 220)  
}
```

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(193, 229, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 229, 220) }
```

Border

The CSS property to change the border of an element to Yxy 72.5434, 0.2942, 0.3392 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(193, 229, 220) }
```

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

```
.border{ border-color:rgb(193, 229, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 229, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 229, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 229, 220); box-shadow:4px 4px 4px 4px rgb(193, 229, 220) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.5434, 0.2942, 0.3392$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 229, 220) }
```

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

```
.background{ background-color: rgb(193,  
229, 220) }
```

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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