

Converting Colors

$Yxy(74.3277, 0.2944, 0.3289)$

Have a look what the booklet for
Yxy(74.3277, 0.2944, 0.3289)
contains.

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Color

Yxy(74.2523, 0.2947, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	CAE5E5
RGB	202, 229, 229
RGB Percent	79%, 90%, 90%
CMY	0.2077, 0.1020, 0.1018
CMYK	0.12, 0.00, 0.00, 0.10
HSL	180°, 34%, 85%
HSV	180°, 12%, 90%
XYZ	66.5313, 74.2523, 84.9759
YIQ	220.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

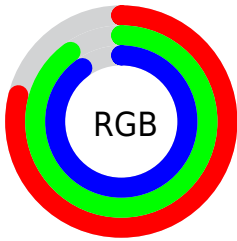
Format	Color
R _Y B	202, 216, 229
Decimal	13297125
CIE Lab	89.04, -8.82, -3.03
CIE LCh	89, 9.323, 198.972
Yxy	74.2523, 0.2947, 0.3289
Android (android.graphics.Color)	4291487205 (0xFFCAE5E5)
YUV	220.9270, 3.9800, -16.5990
Hunter-Lab	86.1698, -12.9780, 1.8503

Details

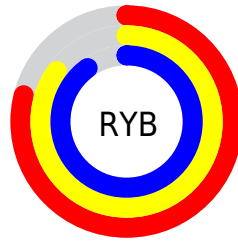
The Yxy color **74.2523, 0.2947, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.2109, 0.3339, 0.3291**, and the grayscale version is **72.2404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6240, 0.2905, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **71.2743, 0.2804, 0.3288**, and if you desaturate by 10%, it is **77.7106, 0.3099, 0.3290**.

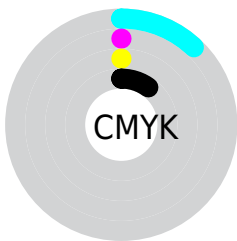
Distribution



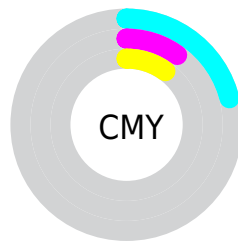
- Red (79%)
- Green (90%)
- Blue (90%)



- Red (79%)
- Yellow (85%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2523, 0.2947, 0.3289 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 74.2523, 0.2947, 0.3289 by changing the saturation by 10% instead.

■ 74.2523, 0.2947,
0.3289

■ 74.2523, 0.2947,
0.3289

475.3437, 0.3030,
0.3290

■ 55.0006, 0.2928,
0.3289

125.2534, 0.2976,
0.3289

■ 39.4022, 0.2905,
0.3288

157.7715, 0.2987,
0.3290

■ 27.0727, 0.2876,
0.3287

195.4806, 0.2996,
0.3290

■ 17.6279, 0.2838,
0.3286

238.7650, 0.3005,
0.3290

■ 10.6831, 0.2786,
0.3284

288.0091, 0.3012,
0.3290

■ 5.8542, 0.2712,
0.3281

343.5973, 0.3019,

■ 2.7566, 0.2598,

0.3290

0.3274

405.9141, 0.3025,
0.3290

1.0060, 0.2386,
0.3261

0.0000, 0.0000,
0.0000

74.2523, 0.2947,
0.3289

74.2523, 0.2947,
0.3289

71.2743, 0.2804,
0.3288

77.7106, 0.3099,
0.3290

68.7466, 0.2673,
0.3287


81.6596, 0.3258,
0.3291


66.6499, 0.2557,
0.3287

83.0091, 0.3308,
0.3291

64.9599, 0.2459,
0.3286

83.0279, 0.3308,
0.3292


 63.6501, 0.2379,
0.3285


 83.0468, 0.3308,
0.3292


 62.6906, 0.2319,
0.3284


 83.0657, 0.3308,
0.3292


 62.0470, 0.2278,
0.3284

 83.0846, 0.3308,
0.3293

 61.6784, 0.2255,
0.3283

 83.1034, 0.3308,
0.3293

 61.5263, 0.2245,
0.3283

 83.1223, 0.3308,
0.3293

Harmonies

Analogous

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



74.2523, 0.3029, 0.3389



74.2523, 0.2947, 0.3289



74.2523, 0.2912, 0.3192

Triad

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



74.2523, 0.2947, 0.3289



74.2523, 0.3112, 0.3127



74.2523, 0.3324, 0.3456

Complementary

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



74.2523, 0.2947, 0.3289



63.2109, 0.3339, 0.3291

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.



74.2523, 0.3347, 0.3383



74.2523, 0.2947, 0.3289



74.2523, 0.3224, 0.3194

Square

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



74.2523, 0.2947, 0.3289



74.2523, 0.3006, 0.3100



74.2523, 0.3310, 0.3287



74.2523, 0.3247, 0.3486

Rectangle

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



74.2523, 0.2947, 0.3289



74.2523, 0.2920, 0.3142



74.2523, 0.3310, 0.3287



74.2523, 0.3338, 0.3435

Sweetspot

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



74.2554, 0.2947, 0.3289



98.1068, 0.3065, 0.3290



72.8852, 0.3113, 0.3598



20.9251, 0.3053, 0.3290



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.



74.2554, 0.2947, 0.3289



93.8128, 0.2913, 0.3289



67.0973, 0.2944, 0.3138



16.3326, 0.2982, 0.3289



35.1687, 0.2245, 0.3283



2.6000, 0.2246, 0.3284

Inverse Universe

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



64.5822, 0.3141, 0.3001



79.2963, 0.3144, 0.2944



69.8051, 0.3321, 0.3438



14.6149, 0.3138, 0.3059



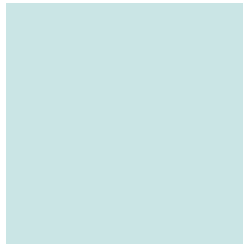
12.7480, 0.3213, 0.1544



0.9422, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 74.2523, 0.2947, 0.3289 looks on a white background.

Color Contrast Check

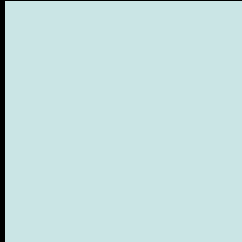
Large Text (above 18pt) WCAG AA × Fail

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 74.2523, 0.2947, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

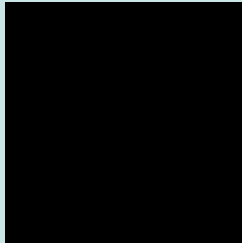
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

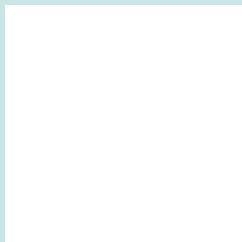
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2523, 0.2947, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 74.2523, 0.2947, 0.3289.

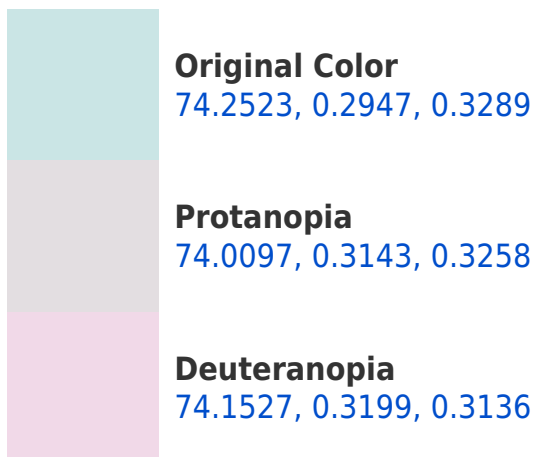


This preview shows how white text looks on a background with the Yxy color 74.2523, 0.2947, 0.3289.

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

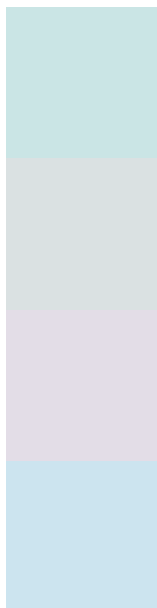




Tritanopia

74.5099, 0.2871, 0.3095

Trichromacy



Original Color

74.2523, 0.2947, 0.3289

Protanomaly

74.2468, 0.3072, 0.3279

Deuteranomaly

73.8133, 0.3104, 0.3184

Tritanomaly

74.5562, 0.2900, 0.3169

Monochromacy



Original Color

74.2523, 0.2947, 0.3289

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.9893, 0.3058, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2523, 0.2947, 0.3289 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, 229, 229)` looks like.

```
.text, #text, p{  
    color:rgb(202, 229, 229)  
}
```

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, 229, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 229, 229) }
```

Border

The CSS property to change the border of an element to Yxy 74.2523, 0.2947, 0.3289 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, 229, 229) }
```

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

```
.border{ border-color:rgb(202, 229, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 229, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 229, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 229, 229);  
box-shadow:4px 4px 4px 4px rgb(202, 229,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2523, 0.2947, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 229, 229) }
```

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

```
.background{ background-color: rgb(202,  
229, 229) }
```

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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