

Converting Colors

$Yxy(70.9416, 0.3087, 0.3474)$

Have a look what the booklet for
Yxy(70.9416, 0.3087, 0.3474)
contains.

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Color

Yxy(70.7027, 0.3091, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	CCE0D0
RGB	204, 224, 208
RGB Percent	80%, 88%, 82%
CMY	0.1999, 0.1216, 0.1844
CMYK	0.09, 0.00, 0.07, 0.12
HSL	132°, 24%, 84%
HSV	132°, 9%, 88%
XYZ	62.9441, 70.7027, 69.9900
YIQ	216.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

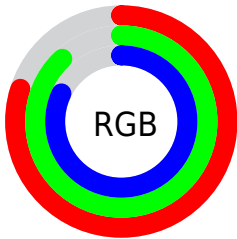
Format	Color
R _Y B	204, 221, 224
Decimal	13426896
CIE Lab	87.34, -9.61, 5.57
CIE LCh	87, 11.107, 149.917
Yxy	70.7027, 0.3091, 0.3472
Android (android.graphics.Color)	4291616976 (0xFFCCE0D0)
YUV	216.1960, -4.0406, -10.6959
Hunter-Lab	84.0849, -13.5273, 9.5081

Details

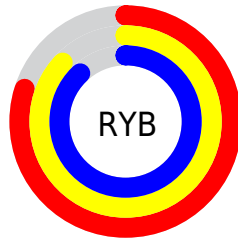
The Yxy color **70.7027, 0.3091, 0.3472** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2121, 0.3165, 0.3115**, and the grayscale version is **68.8442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1931, 0.3080, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **66.9299, 0.3050, 0.3701**, and if you desaturate by 10%, it is **75.0369, 0.3131, 0.3269**.

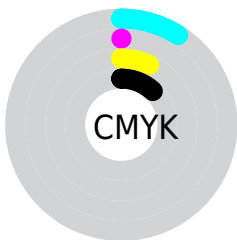
Distribution



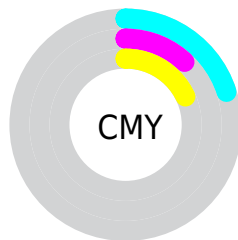
- Red (80%)
- Green (88%)
- Blue (82%)



- Red (80%)
- Yellow (87%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.7027, 0.3091, 0.3472 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 70.7027, 0.3091, 0.3472 by changing the saturation by 10% instead.

70.7027, 0.3091,
0.3472

70.7027, 0.3091,
0.3472

463.0135, 0.3108,
0.3386

52.0996, 0.3087,
0.3492

120.2103, 0.3097,
0.3442

37.0845, 0.3082,
0.3517

151.8836, 0.3100,
0.3430

25.2729, 0.3075,
0.3549

188.6825, 0.3102,
0.3420

16.2805, 0.3066,
0.3592

230.9912, 0.3103,
0.3412

9.7229, 0.3053,
0.3651

279.1943, 0.3105,
0.3404

5.2156, 0.3033,
0.3739

333.6761, 0.3106,

2.3743, 0.3000,

0.3397

0.3884

394.8211, 0.3107,
0.3392

■ 0.8126, 0.2913,
0.4402

■ 0.0000, 0.0000,
0.0000

■ 70.7027, 0.3091,
0.3472

■ 70.7027, 0.3091,
0.3472

■ 66.9299, 0.3050,
0.3701

■ 75.0369, 0.3131,
0.3269

■ 63.6867, 0.3011,
0.3957

■ 79.9448, 0.3171,
0.3092

■ 60.9520, 0.2974,
0.4237

■ 81.7925, 0.3141,
0.2989

■ 58.6996, 0.2943,
0.4534

■ 56.9010, 0.2921,
0.4838

■ 55.5248, 0.2909,
0.5134

■ 54.5352, 0.2910,
0.5404

■ 53.8904, 0.2924,
0.5631

■ 53.5280, 0.2948,
0.5804

Harmonies

Analogous

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



70.7027, 0.3227, 0.3525



70.7027, 0.3091, 0.3472



70.7027, 0.2967, 0.3367

Triad

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



70.7027, 0.3091, 0.3472



70.7027, 0.2919, 0.3071



70.7027, 0.3374, 0.3329

Complementary

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



70.7027, 0.3091, 0.3472



64.2121, 0.3165, 0.3115

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.



70.7027, 0.3288, 0.3213



70.7027, 0.3091, 0.3472



70.7027, 0.3024, 0.3066

Square

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



70.7027, 0.3091, 0.3472



70.7027, 0.2869, 0.3135



70.7027, 0.3159, 0.3118



70.7027, 0.3392, 0.3438

Rectangle

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



70.7027, 0.3091, 0.3472



70.7027, 0.2907, 0.3284



70.7027, 0.3159, 0.3118



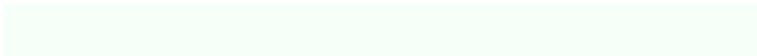
70.7027, 0.3352, 0.3290

Sweetspot

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



70.7057, 0.3091, 0.3472



98.1891, 0.3115, 0.3349



72.9416, 0.3233, 0.3510



20.9154, 0.3112, 0.3366



0.0000, 0.0000, 0.0000



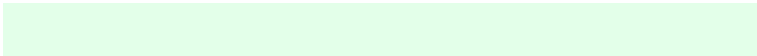
21.4041, 0.3127, 0.3290

Same Dimension

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



70.7057, 0.3091, 0.3472



93.6980, 0.3082, 0.3519



71.1976, 0.3029, 0.3361



15.3814, 0.3089, 0.3483



31.1517, 0.2944, 0.5798



2.1719, 0.2866, 0.5519

Inverse Universe

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



64.2121, 0.3165, 0.3115



83.0379, 0.3176, 0.3071



63.7131, 0.3235, 0.3220



13.8866, 0.3168, 0.3104



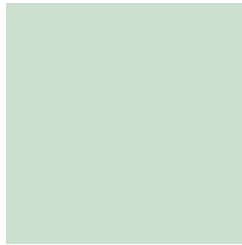
11.1497, 0.3782, 0.1857



0.7848, 0.3677, 0.1799

Previews

White Background



This preview shows how the Yxy color 70.7027, 0.3091, 0.3472 looks on a white background.

Color Contrast Check

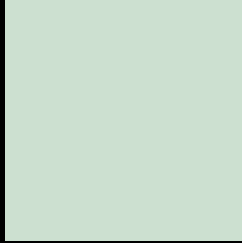
Large Text (above 18pt) WCAG AA × Fail

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 70.7027, 0.3091, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

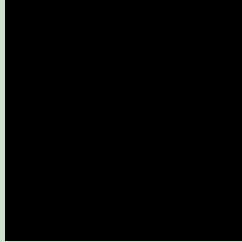
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

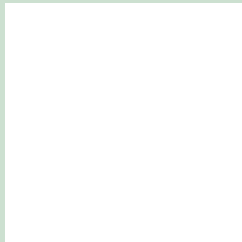
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.7027, 0.3091, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 70.7027, 0.3091, 0.3472.

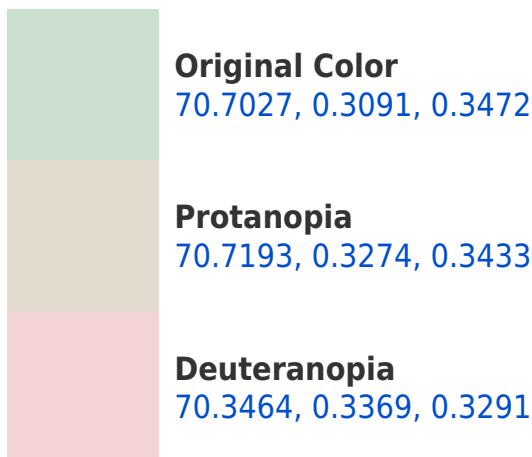


This preview shows how white text looks on a background with the Yxy color 70.7027, 0.3091, 0.3472.

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

70.8561, 0.2943, 0.3104

Trichromacy



Original Color

70.7027, 0.3091, 0.3472

Protanomaly

70.5481, 0.3206, 0.3446

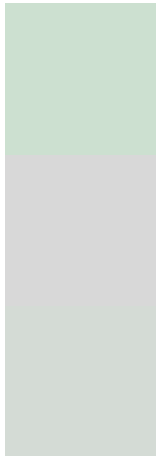
Deuteranomaly

70.4229, 0.3264, 0.3355

Tritanomaly

70.4693, 0.2998, 0.3234

Monochromacy



Original Color

70.7027, 0.3091, 0.3472

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.4642, 0.3117, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7027, 0.3091, 0.3472 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(204, 224, 208)` looks like.

```
.text, #text, p{  
    color:rgb(204, 224, 208)  
}
```

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(204, 224, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 224, 208) }
```

Border

The CSS property to change the border of an element to Yxy 70.7027, 0.3091, 0.3472 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(204, 224, 208) }
```

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

```
.border{ border-color:rgb(204, 224, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 224, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 224, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 224, 208);  
box-shadow:4px 4px 4px 4px rgb(204, 224,  
208) }
```


Background

The CSS property to change the background color of an element to $Yxy\ 70.7027, 0.3091, 0.3472$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 224, 208) }
```

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

```
.background{ background-color: rgb(204,  
224, 208) }
```

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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