

Converting Colors

$Yxy(72.5290, 0.3064, 0.3459)$

Have a look what the booklet for
Yxy(72.5290, 0.3064, 0.3459)
contains.

Yxy(72.5290, 0.3064, 0.3459)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.5290, 0.3064, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	CCE3D4
RGB	204, 227, 212
RGB Percent	80%, 89%, 83%
CMY	0.2002, 0.1097, 0.1686
CMYK	0.10, 0.00, 0.07, 0.11
HSL	141°, 29%, 85%
HSV	141°, 10%, 89%
XYZ	64.2466, 72.5290, 72.9064
YIQ	218.4130, -8.8930, -9.5410

Conversions

Conversions Part 2

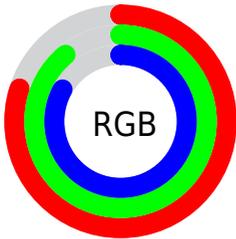
Format	Color
RYB	204, 221, 227
Decimal	13427668
CIELab	88.22, -10.43, 4.72
CIELCh	88, 11.448, 155.631
Yxy	72.5290, 0.3064, 0.3459
Android (android.graphics.Color)	4291617748 (0xFFCCE3D4)
YUV	218.4130, -3.1616, -12.6402
Hunter-Lab	85.1640, -14.3789, 8.8583

Details

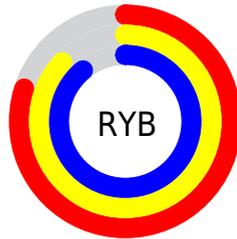
The Yxy color **72.5290, 0.3064, 0.3459** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6116, 0.3196, 0.3127**, and the grayscale version is **70.4353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4234, 0.3055, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **68.8435, 0.3003, 0.3646**, and if you desaturate by 10%, it is **76.7564, 0.3126, 0.3292**.

Distribution



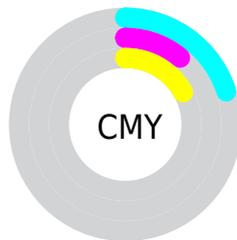
- Red (80%)
- Green (89%)
- Blue (83%)



- Red (80%)
- Yellow (87%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5290, 0.3064, 0.3459 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 72.5290, 0.3064, 0.3459 by changing the saturation by 10% instead.

■ 72.5290, 0.3064,
0.3459

■ 72.5290, 0.3064,
0.3459

469.3808, 0.3094,
0.3380

■ 53.5909, 0.3057,
0.3477

122.8083, 0.3074,
0.3431

■ 38.2747, 0.3048,
0.3500

154.9184, 0.3078,
0.3421

■ 26.1960, 0.3037,
0.3530

192.1879, 0.3082,
0.3411

■ 16.9703, 0.3023,
0.3568

235.0012, 0.3085,
0.3403

■ 10.2133, 0.3002,
0.3622

283.7427, 0.3088,
0.3396

■ 5.5406, 0.2972,
0.3702

338.7969, 0.3090,

■ 2.5678, 0.2922,

0.3390

0.3831

400.5481, 0.3092,
0.3385

■ 0.9105, 0.2798,
0.4173

■ 0.0000, 0.0000,
0.0000

■ 72.5290, 0.3064,
0.3459

■ 72.5290, 0.3064,
0.3459

■ 68.8435, 0.3003,
0.3646

■ 76.7564, 0.3126,
0.3292

■ 65.6688, 0.2945,
0.3854

■ 81.5370, 0.3188,
0.3146

■ 62.9843, 0.2893,
0.4081

■ 83.4267, 0.3140,
0.3019

■ 60.7646, 0.2850,
0.4324

■ 58.9821, 0.2819,
0.4576

■ 57.6059, 0.2804,
0.4830

■ 56.6011, 0.2806,
0.5075

■ 55.9262, 0.2826,
0.5300

■ 55.5153, 0.2859,
0.5494

Harmonies

Analogous

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



72.5290, 0.3203, 0.3525



72.5290, 0.3064, 0.3459



72.5290, 0.2944, 0.3345

Triad

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



72.5290, 0.3064, 0.3459



72.5290, 0.2931, 0.3061



72.5290, 0.3389, 0.3353

Complementary

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



72.5290, 0.3064, 0.3459



64.6116, 0.3196, 0.3127

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.



72.5290, 0.3313, 0.3233



72.5290, 0.3064, 0.3459



72.5290, 0.3047, 0.3067

Square

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



72.5290, 0.3064, 0.3459



72.5290, 0.2868, 0.3115



72.5290, 0.3187, 0.3130



72.5290, 0.3393, 0.3459

Rectangle

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



72.5290, 0.3064, 0.3459



72.5290, 0.2890, 0.3260



72.5290, 0.3187, 0.3130



72.5290, 0.3371, 0.3313

Sweetspot

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



72.5321, 0.3064, 0.3459



98.2613, 0.3108, 0.3338



74.4155, 0.3223, 0.3544



20.9349, 0.3103, 0.3351



0.0000, 0.0000, 0.0000



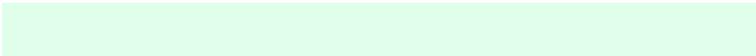
21.4041, 0.3127, 0.3290

Same Dimension

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



72.5321, 0.3064, 0.3459



93.4344, 0.3052, 0.3493



73.1151, 0.2995, 0.3332



16.1719, 0.3068, 0.3447



32.3917, 0.2852, 0.5466



2.4107, 0.2769, 0.5169

Inverse Universe

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



64.6116, 0.3196, 0.3127



81.3373, 0.3211, 0.3095



64.0434, 0.3278, 0.3248



14.5252, 0.3191, 0.3138



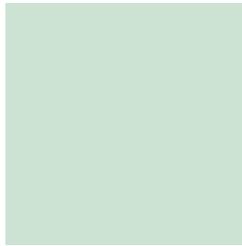
10.7890, 0.4333, 0.2160



0.8147, 0.4126, 0.2047

Previews

White Background



This preview shows how the Yxy color 72.5290, 0.3064, 0.3459 looks on a white background.

Color Contrast Check

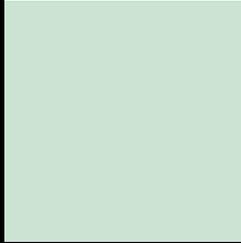
Large Text (above 18pt) WCAG AA × Fail

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 72.5290, 0.3064, 0.3459 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

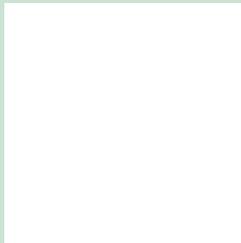
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5290, 0.3064, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 72.5290, 0.3064, 0.3459.



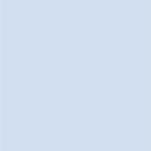
This preview shows how white text looks on a background with the Yxy color 72.5290, 0.3064, 0.3459.

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

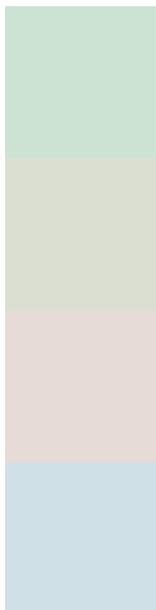




Tritanopia

72.6219, 0.2925, 0.3105

Trichromacy



Original Color

72.5290, 0.3064, 0.3459

Protanomaly

72.4389, 0.3191, 0.3444

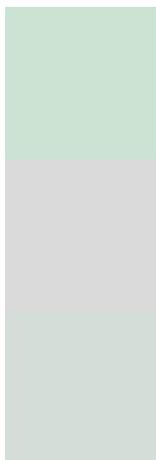
Deuteranomaly

72.3411, 0.3241, 0.3344

Tritanomaly

72.2899, 0.2973, 0.3223

Monochromacy



Original Color

72.5290, 0.3064, 0.3459

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.8169, 0.3103, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5290, 0.3064, 0.3459 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, 227, 212)` looks like.

```
.text, #text, p{  
    color:rgb(204, 227, 212)  
}
```

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, 227, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 227, 212) }
```

Border

The CSS property to change the border of an element to Yxy 72.5290, 0.3064, 0.3459 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, 227, 212) }
```

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

```
.border{ border-color:rgb(204, 227, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 227, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 227, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 227, 212);  
box-shadow:4px 4px 4px 4px rgb(204, 227,  
212) }
```

Background

The CSS property to change the background color of an element to Yxy 72.5290, 0.3064, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 227, 212) }
```

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

```
.background{ background-color: rgb(204,  
227, 212) }
```

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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