

Converting Colors

$Yxy(74.2471, 0.3110, 0.3502)$

Have a look what the booklet for
Yxy(74.2471, 0.3110, 0.3502)
contains.

Yxy(74.2471, 0.3110, 0.3502)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.2471, 0.3110, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	D1E5D2
RGB	209, 229, 210
RGB Percent	82%, 90%, 82%
CMY	0.1806, 0.1019, 0.1765
CMYK	0.09, 0.00, 0.08, 0.10
HSL	123°, 28%, 86%
HSV	123°, 9%, 90%
XYZ	65.9362, 74.2471, 71.8301
YIQ	220.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

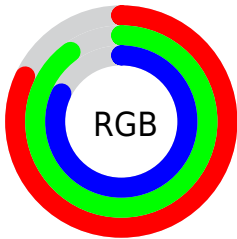
Format	Color
R_{YB}	209, 228, 229
Decimal	13755858
CIE _{Lab}	89.04, -10.13, 7.00
CIE _{LCh}	89, 12.315, 145.379
Yxy	74.2471, 0.3110, 0.3502
Android (android.graphics.Color)	4291945938 (0xFFD1E5D2)
YUV	220.8540, -5.3510, -10.3960
Hunter-Lab	86.1668, -14.2008, 10.8915

Details

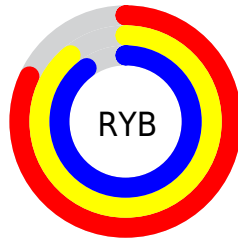
The Yxy color **74.2471, 0.3110, 0.3502** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8371, 0.3144, 0.3087**, and the grayscale version is **72.2365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6410, 0.3106, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **70.1380, 0.3089, 0.3775**, and if you desaturate by 10%, it is **78.9893, 0.3129, 0.3262**.

Distribution



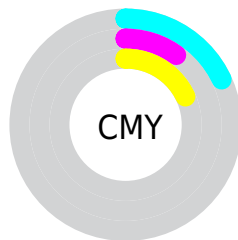
- Red (82%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (90%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2471, 0.3110, 0.3502 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 74.2471, 0.3110, 0.3502 by changing the saturation by 10% instead.

■ 74.2471, 0.3110,
0.3502

■ 74.2471, 0.3110,
0.3502

475.3258, 0.3119,
0.3403

■ 54.9963, 0.3108,
0.3525

125.2460, 0.3113,
0.3467

■ 39.3988, 0.3105,
0.3554

157.7629, 0.3114,
0.3454

■ 27.0701, 0.3101,
0.3590

195.4707, 0.3115,
0.3442

■ 17.6259, 0.3096,
0.3638

238.7537, 0.3116,
0.3432

■ 10.6817, 0.3089,
0.3705

287.9963, 0.3117,
0.3424

■ 5.8532, 0.3078,
0.3803

343.5829, 0.3118,

■ 2.7560, 0.3057,

0.3416

0.3961

405.8979, 0.3118,
0.3409

■ 1.0057, 0.3047,
0.4354

■ 0.0000, 0.0000,
0.0000

■ 74.2471, 0.3110,
0.3502

■ 74.2471, 0.3110,
0.3502

■ 70.1380, 0.3089,
0.3775

■ 78.9893, 0.3129,
0.3262

■ 66.6263, 0.3068,
0.4080

■ 84.3798, 0.3147,
0.3054

■ 63.6870, 0.3046,
0.4411

■ 84.5289, 0.3139,
0.3039

■ 61.2898, 0.3026,
0.4756

■ 59.4015, 0.3009,
0.5098

■ 57.9853, 0.2996,
0.5412

■ 56.9994, 0.2990,
0.5673

■ 56.3949, 0.2989,
0.5860

■ 56.1008, 0.2993,
0.5966

Harmonies

Analogous

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



74.2471, 0.3256, 0.3549



74.2471, 0.3110, 0.3502



74.2471, 0.2971, 0.3394

Triad

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



74.2471, 0.3110, 0.3502



74.2471, 0.2888, 0.3058



74.2471, 0.3387, 0.3313

Complementary

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



74.2471, 0.3110, 0.3502



67.8371, 0.3144, 0.3087

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.



74.2471, 0.3283, 0.3188



74.2471, 0.3110, 0.3502



74.2471, 0.2995, 0.3043

Square

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



74.2471, 0.3110, 0.3502



74.2471, 0.2844, 0.3136



74.2471, 0.3139, 0.3091



74.2471, 0.3418, 0.3435

Rectangle

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



74.2471, 0.3110, 0.3502



74.2471, 0.2900, 0.3304



74.2471, 0.3139, 0.3091



74.2471, 0.3359, 0.3270

Sweetspot

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



74.2503, 0.3110, 0.3502



98.1198, 0.3121, 0.3360



77.1463, 0.3250, 0.3505



20.8968, 0.3120, 0.3379



0.0000, 0.0000, 0.0000



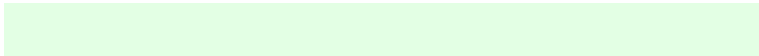
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2503, 0.3110, 0.3502



93.4677, 0.3105, 0.3562



74.7636, 0.3048, 0.3389



16.1014, 0.3109, 0.3520



32.0607, 0.2990, 0.5966



2.3735, 0.2964, 0.5869

Inverse Universe

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



67.8371, 0.3144, 0.3087



83.2963, 0.3149, 0.3032



67.2986, 0.3215, 0.3193



14.6015, 0.3146, 0.3070



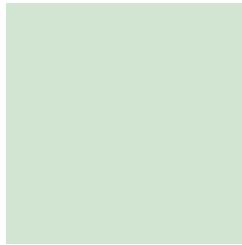
12.3936, 0.3345, 0.1616



0.9199, 0.3323, 0.1604

Previews

White Background



This preview shows how the Yxy color 74.2471, 0.3110, 0.3502 looks on a white background.

Color Contrast Check

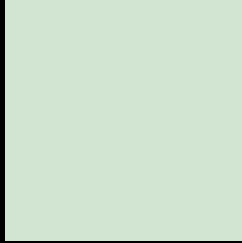
Large Text (above 18pt) WCAG AA × Fail

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 74.2471, 0.3110, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

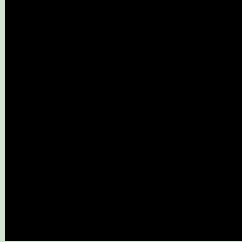
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

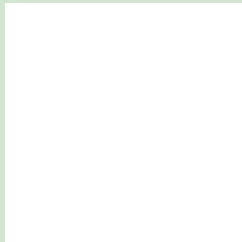
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2471, 0.3110, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 74.2471, 0.3110, 0.3502.

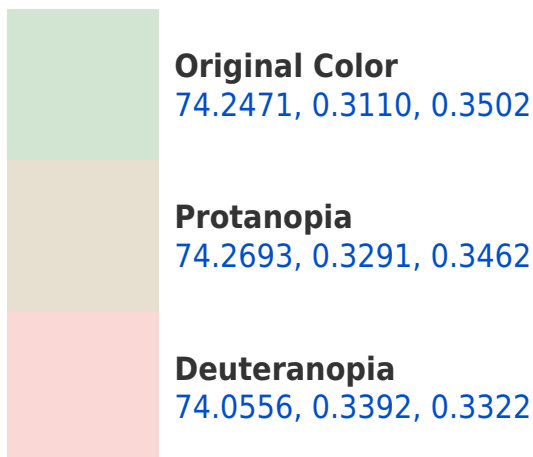


This preview shows how white text looks on a background with the Yxy color 74.2471, 0.3110, 0.3502.

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

74.0183, 0.2946, 0.3097

Trichromacy



Original Color

74.2471, 0.3110, 0.3502

Protanomaly

74.0925, 0.3224, 0.3475

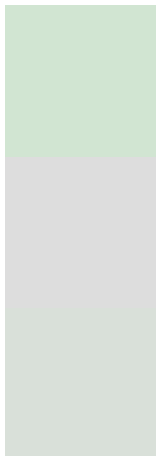
Deuteranomaly

73.9588, 0.3281, 0.3386

Tritanomaly

74.1029, 0.3006, 0.3246

Monochromacy



Original Color

74.2471, 0.3110, 0.3502

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0728, 0.3124, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2471, 0.3110, 0.3502 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(209, 229, 210)` looks like.

```
.text, #text, p{  
    color:rgb(209, 229, 210)  
}
```

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(209, 229, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 229, 210) }
```

Border

The CSS property to change the border of an element to Yxy 74.2471, 0.3110, 0.3502 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(209, 229, 210) }
```

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

```
.border{ border-color:rgb(209, 229, 210) }
```

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

Here you see how a box with a 4 pixel rgb(209, 229, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 229, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 229, 210);  
box-shadow:4px 4px 4px 4px rgb(209, 229,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2471, 0.3110, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 229, 210) }
```

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

```
.background{ background-color: rgb(209,  
229, 210) }
```

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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