

Converting Colors

$Yxy(72.6525, 0.3116, 0.3466)$

Have a look what the booklet for
Yxy(72.6525, 0.3116, 0.3466)
contains.

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Color

Yxy(72.7475, 0.3119, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	D2E2D2
RGB	210, 226, 210
RGB Percent	82%, 89%, 82%
CMY	0.1764, 0.1137, 0.1766
CMYK	0.07, 0.00, 0.07, 0.11
HSL	120°, 22%, 85%
HSV	120°, 7%, 89%
XYZ	65.4077, 72.7475, 71.5522
YIQ	219.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

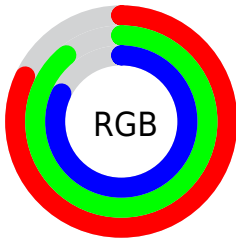
Format	Color
R _Y B	210, 226, 226
Decimal	13820626
CIE Lab	88.33, -8.25, 5.99
CIE LCh	88, 10.198, 144.003
Yxy	72.7475, 0.3119, 0.3469
Android (android.graphics.Color)	4292010706 (0xFFD2E2D2)
YUV	219.3920, -4.6303, -8.2368
Hunter-Lab	85.2921, -12.3755, 9.9657

Details

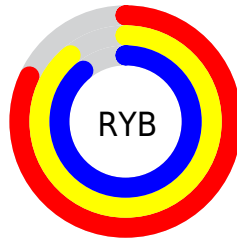
The Yxy color **72.7475, 0.3119, 0.3469** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7379, 0.3135, 0.3117**, and the grayscale version is **71.1620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4947, 0.3108, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **68.6221, 0.3106, 0.3752**, and if you desaturate by 10%, it is **77.5047, 0.3130, 0.3222**.

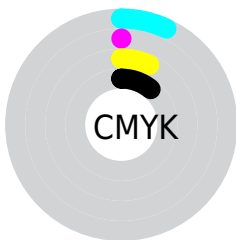
Distribution



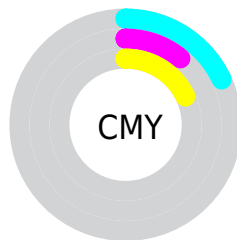
- Red (82%)
- Green (89%)
- Blue (82%)



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



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



- Cyan (18%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7475, 0.3119, 0.3469 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 72.7475, 0.3119, 0.3469 by changing the saturation by 10% instead.

■ 72.7475, 0.3119,
0.3469

■ 72.7475, 0.3119,
0.3469

470.1392, 0.3123,
0.3385

■ 53.7695, 0.3118,
0.3488

123.1187, 0.3121,
0.3440

■ 38.4174, 0.3116,
0.3513

155.2807, 0.3121,
0.3428

■ 26.3068, 0.3115,
0.3544

192.6061, 0.3122,
0.3419

■ 17.0533, 0.3112,
0.3585

235.4795, 0.3122,
0.3410

■ 10.2725, 0.3108,
0.3641

284.2850, 0.3122,
0.3403

■ 5.5800, 0.3101,
0.3725

339.4073, 0.3123,

■ 2.5914, 0.3089,

0.3396

0.3860

401.2305, 0.3123,
0.3390

■ 0.9224, 0.3093,
0.4227

■ 0.0000, 0.0000,
0.0000

■ 72.7475, 0.3119,
0.3469

■ 72.7475, 0.3119,
0.3469

■ 68.6221, 0.3106,
0.3752

■ 77.5047, 0.3130,
0.3222

■ 65.0930, 0.3092,
0.4068

■ 82.8750, 0.3140,
0.3009

■ 62.1357, 0.3076,
0.4412

■ 59.7199, 0.3059,
0.4772

■ 57.8129, 0.3042,
0.5126

■ 56.3783, 0.3027,
0.5448

■ 55.3749, 0.3015,
0.5710

■ 54.7545, 0.3006,
0.5890

■ 54.4548, 0.3001,
0.5982

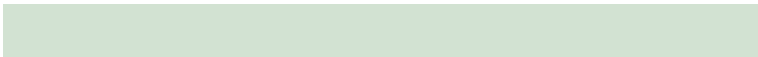
Harmonies

Analogous

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



72.7475, 0.3241, 0.3505



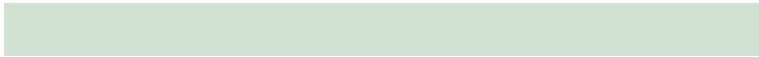
72.7475, 0.3119, 0.3469



72.7475, 0.3001, 0.3382

Triad

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



72.7475, 0.3119, 0.3469



72.7475, 0.2924, 0.3099



72.7475, 0.3340, 0.3305

Complementary

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



72.7475, 0.3119, 0.3469



67.7379, 0.3135, 0.3117

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.



72.7475, 0.3252, 0.3200



72.7475, 0.3119, 0.3469



72.7475, 0.3012, 0.3083

Square

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



72.7475, 0.3119, 0.3469



72.7475, 0.2890, 0.3166



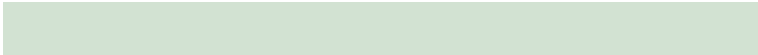
72.7475, 0.3132, 0.3120



72.7475, 0.3370, 0.3407

Rectangle

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



72.7475, 0.3119, 0.3469



72.7475, 0.2941, 0.3308



72.7475, 0.3132, 0.3120



72.7475, 0.3317, 0.3269

Sweetspot

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



72.7506, 0.3119, 0.3469



98.7234, 0.3125, 0.3339



75.0713, 0.3232, 0.3460



21.1442, 0.3125, 0.3337



0.0000, 0.0000, 0.0000



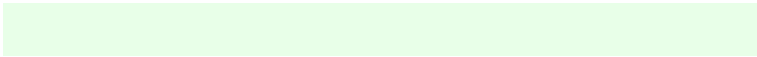
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7506, 0.3119, 0.3469



94.5214, 0.3117, 0.3522



73.1410, 0.3069, 0.3382



15.3386, 0.3116, 0.3532



31.0335, 0.3000, 0.6000



2.1516, 0.3002, 0.5998

Inverse Universe

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



67.7379, 0.3135, 0.3117



86.2121, 0.3137, 0.3069



67.3277, 0.3189, 0.3200



13.9341, 0.3138, 0.3059



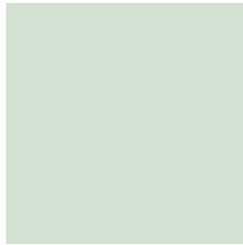
12.3132, 0.3204, 0.1539



0.8540, 0.3205, 0.1539

Previews

White Background



This preview shows how the Yxy color 72.7475, 0.3119, 0.3469 looks on a white background.

Color Contrast Check

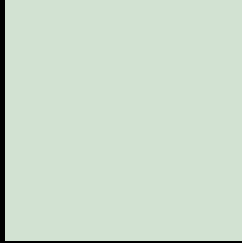
Large Text (above 18pt) WCAG AA × Fail

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 72.7475, 0.3119, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

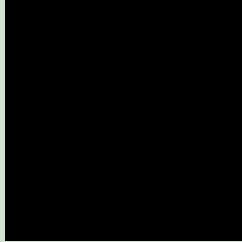
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

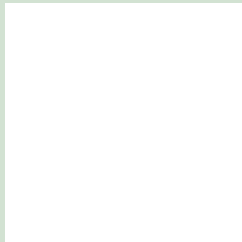
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7475, 0.3119, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 72.7475, 0.3119, 0.3469.

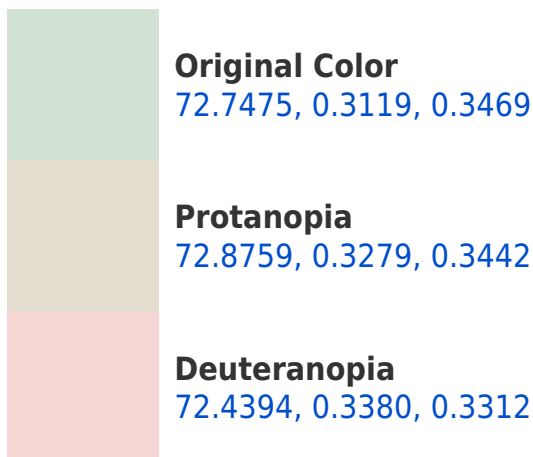


This preview shows how white text looks on a background with the Yxy color 72.7475, 0.3119, 0.3469.

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

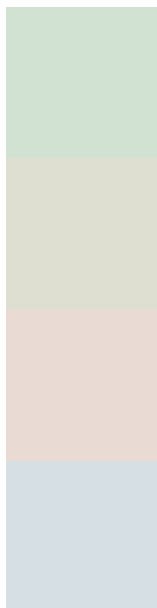




Tritanopia

72.9216, 0.2971, 0.3107

Trichromacy



Original Color

72.7475, 0.3119, 0.3469

Protanomaly

72.8590, 0.3219, 0.3454

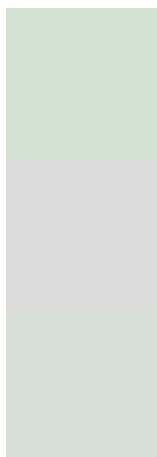
Deuteranomaly

72.1696, 0.3284, 0.3365

Tritanomaly

72.5229, 0.3026, 0.3235

Monochromacy



Original Color

72.7475, 0.3119, 0.3469

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.7993, 0.3124, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7475, 0.3119, 0.3469 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(210, 226, 210) looks like.

```
.text, #text, p{  
    color:rgb(210, 226, 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(210, 226, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 226, 210) }
```

Border

The CSS property to change the border of an element to Yxy 72.7475, 0.3119, 0.3469 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(210, 226, 210) }
```

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

```
.border{ border-color:rgb(210, 226, 210) }
```

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

Here you see how a box with a 4 pixel rgb(210, 226, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 226, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 226, 210);  
box-shadow:4px 4px 4px 4px rgb(210, 226,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7475, 0.3119, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 226, 210) }
```

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

```
.background{ background-color: rgb(210,  
226, 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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