

Converting Colors

$Yxy(72.0654, 0.3131, 0.3430)$

Have a look what the booklet for
Yxy(72.0654, 0.3131, 0.3430)
contains.

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Color

Yxy(72.1606, 0.3134, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	D5E0D3
RGB	213, 224, 211
RGB Percent	84%, 88%, 83%
CMY	0.1650, 0.1215, 0.1726
CMYK	0.05, 0.00, 0.06, 0.12
HSL	111°, 17%, 85%
HSV	111°, 6%, 88%
XYZ	65.8374, 72.1606, 72.0766
YIQ	219.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

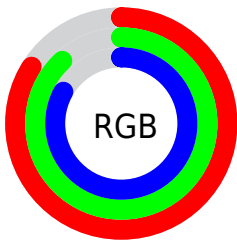
Format	Color
RYP	211, 224, 222
Decimal	14016723
CIELab	88.05, -6.07, 5.09
CIElCh	88, 7.922, 140.064
Yxy	72.1606, 0.3134, 0.3435
Android (android.graphics.Color)	4292206803 (0xFFD5E0D3)
YUV	219.2290, -4.0569, -5.4628
Hunter-Lab	84.9474, -10.3139, 9.1565

Details

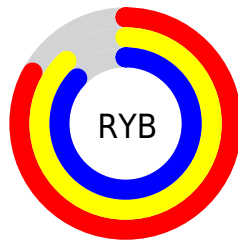
The Yxy color **72.1606, 0.3134, 0.3435** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5078, 0.3120, 0.3148**, and the grayscale version is **71.0298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0794, 0.3128, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **68.4334, 0.3144, 0.3709**, and if you desaturate by 10%, it is **76.3857, 0.3122, 0.3192**.

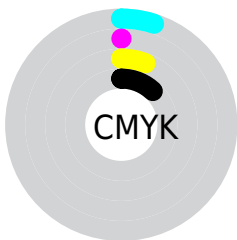
Distribution



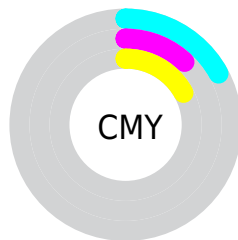
- Red (84%)
- Green (88%)
- Blue (83%)



- Red (83%)
- Yellow (88%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1606, 0.3134, 0.3435 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 72.1606, 0.3134, 0.3435 by changing the saturation by 10% instead.

■ 72.1606, 0.3134,
0.3435

■ 72.1606, 0.3134,
0.3435

468.1004, 0.3131,
0.3367

■ 53.2899, 0.3135,
0.3451

122.2848, 0.3133,
0.3411

■ 38.0342, 0.3135,
0.3470

154.3071, 0.3133,
0.3402

■ 26.0093, 0.3136,
0.3495

191.4821, 0.3132,
0.3394

■ 16.8306, 0.3137,
0.3528

234.1941, 0.3132,
0.3387

■ 10.1138, 0.3138,
0.3574

282.8275, 0.3132,
0.3381

■ 5.4745, 0.3139,
0.3641

337.7668, 0.3132,

■ 2.5282, 0.3139,

0.3376

0.3750

399.3963, 0.3131,
0.3371

0.8907, 0.3169,
0.4043

0.0000, 0.0000,
0.0000

72.1606, 0.3134,
0.3435

72.1606, 0.3134,
0.3435

68.4334, 0.3144,
0.3709

76.3857, 0.3122,
0.3192

65.1767, 0.3152,
0.4013

81.0652, 0.3114,
0.2987

62.3745, 0.3156,
0.4342

81.8055, 0.3141,
0.2990

60.0064, 0.3155,
0.4685

■ 58.0505, 0.3146,
0.5027

■ 56.4828, 0.3131,
0.5345

■ 55.2767, 0.3108,
0.5615

■ 54.4025, 0.3080,
0.5816

■ 53.8249, 0.3049,
0.5936

Harmonies

Analogous

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



72.1606, 0.3227, 0.3458



72.1606, 0.3134, 0.3435



72.1606, 0.3040, 0.3372

Triad

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



72.1606, 0.3134, 0.3435



72.1606, 0.2963, 0.3146



72.1606, 0.3286, 0.3291

Complementary

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



72.1606, 0.3134, 0.3435



67.5078, 0.3120, 0.3148

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.



72.1606, 0.3213, 0.3210



72.1606, 0.3134, 0.3435



72.1606, 0.3027, 0.3127

Square

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



72.1606, 0.3134, 0.3435



72.1606, 0.2942, 0.3203



72.1606, 0.3118, 0.3151



72.1606, 0.3316, 0.3373

Rectangle

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



72.1606, 0.3134, 0.3435



72.1606, 0.2990, 0.3316



72.1606, 0.3118, 0.3151



72.1606, 0.3266, 0.3263

Sweetspot

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



72.1637, 0.3134, 0.3435



98.8620, 0.3130, 0.3339



72.8339, 0.3215, 0.3411



21.1725, 0.3129, 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.



72.1637, 0.3134, 0.3435



96.1354, 0.3135, 0.3467



72.1070, 0.3091, 0.3384



15.5931, 0.3136, 0.3480



31.2537, 0.3044, 0.5965



2.1975, 0.3129, 0.5898

Inverse Universe

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



67.5078, 0.3120, 0.3148



88.6341, 0.3118, 0.3117



67.5723, 0.3165, 0.3198



14.2900, 0.3117, 0.3105



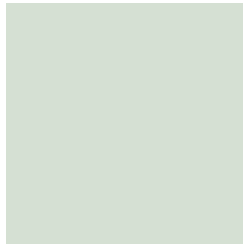
9.5902, 0.2836, 0.1336



0.6932, 0.2897, 0.1370

Previews

White Background



This preview shows how the Yxy color 72.1606, 0.3134, 0.3435 looks on a white background.

Color Contrast Check

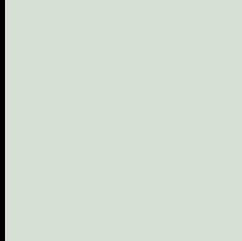
Large Text (above 18pt) WCAG AA × Fail

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 72.1606, 0.3134, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

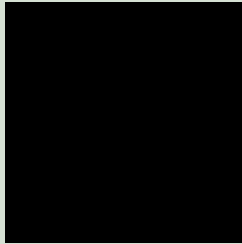
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

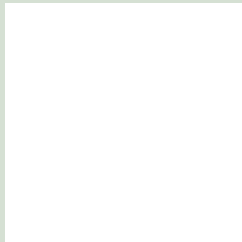
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1606, 0.3134, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 72.1606, 0.3134, 0.3435.

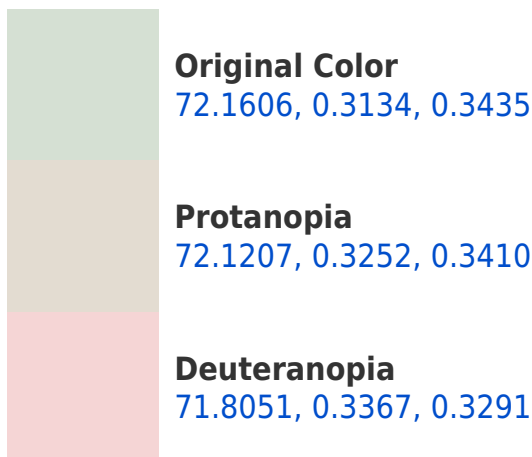


This preview shows how white text looks on a background with the Yxy color 72.1606, 0.3134, 0.3435.

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

72.0525, 0.2997, 0.3107

Trichromacy



Original Color

72.1606, 0.3134, 0.3435

Protanomaly

71.8956, 0.3208, 0.3411

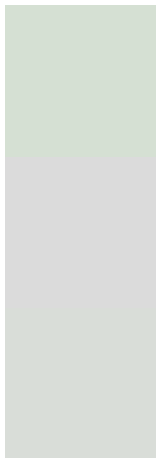
Deuteranomaly

71.7028, 0.3279, 0.3344

Tritanomaly

71.9133, 0.3047, 0.3214

Monochromacy



Original Color

72.1606, 0.3134, 0.3435

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.4225, 0.3132, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1606, 0.3134, 0.3435 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(213, 224, 211)` looks like.

```
.text, #text, p{  
    color:rgb(213, 224, 211)  
}
```

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(213, 224, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 224, 211) }
```

Border

The CSS property to change the border of an element to Yxy 72.1606, 0.3134, 0.3435 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(213, 224, 211) }
```

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

```
.border{ border-color:rgb(213, 224, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 224, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 224, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 224, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 224,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1606, 0.3134, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 224, 211) }
```

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

```
.background{ background-color: rgb(213,  
224, 211) }
```

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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