

Converting Colors

$Yxy(72.6344, 0.3167, 0.3456)$

Have a look what the booklet for
Yxy(72.6344, 0.3167, 0.3456)
contains.

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Color

Yxy(72.5137, 0.3169, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	D8E0D1
RGB	216, 224, 209
RGB Percent	85%, 88%, 82%
CMY	0.1528, 0.1216, 0.1804
CMYK	0.04, 0.00, 0.07, 0.12
HSL	92°, 19%, 85%
HSV	92°, 7%, 88%
XYZ	66.4919, 72.5137, 70.8142
YIQ	219.8980, 0.0470, -6.3610

Conversions

Conversions Part 2

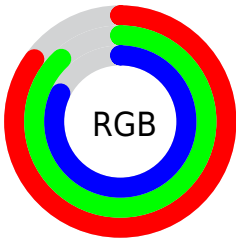
Format	Color
R_{YB}	209, 224, 217
Decimal	14213329
CIE Lab	88.22, -5.34, 6.40
CIE LCh	88, 8.338, 129.853
Yxy	72.5137, 0.3169, 0.3456
Android (android.graphics.Color)	4292403409 (0xFFD8E0D1)
YUV	219.8980, -5.3727, -3.4185
Hunter-Lab	85.1550, -9.6424, 10.3034

Details

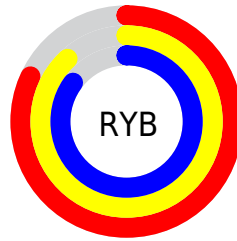
The Yxy color **72.5137, 0.3169, 0.3456** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7286, 0.3083, 0.3124**, and the grayscale version is **71.5392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3196, 0.3173, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **69.7386, 0.3231, 0.3723**, and if you desaturate by 10%, it is **75.5820, 0.3107, 0.3212**.

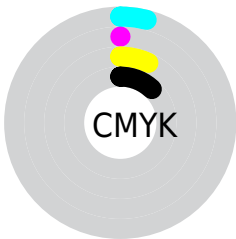
Distribution



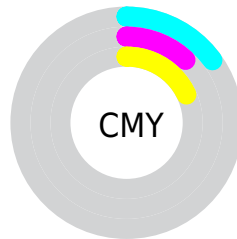
- Red (85%)
- Green (88%)
- Blue (82%)



- Red (82%)
- Yellow (88%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5137, 0.3169, 0.3456 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 72.5137, 0.3169, 0.3456 by changing the saturation by 10% instead.

■ 72.5137, 0.3169,
0.3456

■ 72.5137, 0.3169,
0.3456

469.3276, 0.3150,
0.3378

■ 53.5784, 0.3173,
0.3474

122.7866, 0.3162,
0.3429

■ 38.2647, 0.3178,
0.3496

154.8930, 0.3160,
0.3418

■ 26.1882, 0.3185,
0.3525

192.1586, 0.3158,
0.3409

■ 16.9645, 0.3194,
0.3562

234.9677, 0.3156,
0.3402

■ 10.2092, 0.3205,
0.3614

283.7048, 0.3154,
0.3395

■ 5.5379, 0.3221,
0.3690

338.7542, 0.3153,

■ 2.5662, 0.3245,

0.3389

0.3813

400.5003, 0.3151,
0.3383

■ 0.9097, 0.3357,
0.4161

■ 0.0000, 0.0000,
0.0000

■ 72.5137, 0.3169,
0.3456

■ 72.5137, 0.3169,
0.3456

■ 69.7386, 0.3231,
0.3723

■ 75.5820, 0.3107,
0.3212

■ 67.2380, 0.3290,
0.4009

■ 78.9428, 0.3046,
0.2991

■ 65.0054, 0.3344,
0.4309

■ 81.1661, 0.3119,
0.2987

■ 63.0303, 0.3387,
0.4614

■ 81.7882, 0.3141,
0.2989

■ 61.3015, 0.3416,
0.4910

■ 59.8068, 0.3427,
0.5183

■ 58.5327, 0.3417,
0.5415

■ 57.4638, 0.3385,
0.5595

■ 56.5811, 0.3335,
0.5716

Harmonies

Analogous

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



72.5137, 0.3260, 0.3463



72.5137, 0.3169, 0.3456



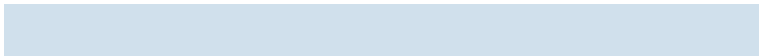
72.5137, 0.3068, 0.3402

Triad

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



72.5137, 0.3169, 0.3456



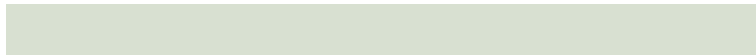
72.5137, 0.2941, 0.3155



72.5137, 0.3273, 0.3261

Complementary

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



72.5137, 0.3169, 0.3456



65.7286, 0.3083, 0.3124

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.



72.5137, 0.3185, 0.3182



72.5137, 0.3169, 0.3456



72.5137, 0.2994, 0.3120

Square

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



72.5137, 0.3169, 0.3456



72.5137, 0.2937, 0.3227



72.5137, 0.3083, 0.3131



72.5137, 0.3321, 0.3349

Rectangle

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



72.5137, 0.3169, 0.3456



72.5137, 0.3008, 0.3348



72.5137, 0.3083, 0.3131



72.5137, 0.3247, 0.3232

Sweetspot

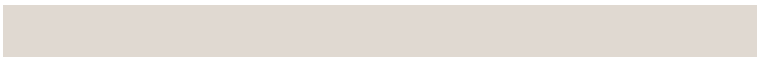
The Sweet Spot groups the original color and five complimentary colors.



72.5168, 0.3169, 0.3456



99.1663, 0.3140, 0.3339



69.9459, 0.3233, 0.3375



21.2344, 0.3139, 0.3336



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.



72.5168, 0.3169, 0.3456



96.7599, 0.3178, 0.3491



71.4798, 0.3118, 0.3456



15.6511, 0.3186, 0.3527



32.8520, 0.3328, 0.5740



2.3301, 0.3447, 0.5645

Inverse Universe

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



65.7286, 0.3083, 0.3124



85.8965, 0.3073, 0.3089



66.8164, 0.3137, 0.3130



13.5994, 0.3063, 0.3054



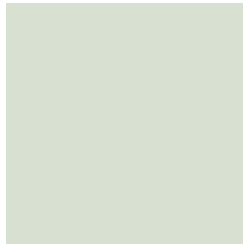
5.4779, 0.2087, 0.0924



0.4329, 0.2250, 0.1013

Previews

White Background



This preview shows how the Yxy color 72.5137, 0.3169, 0.3456 looks on a white background.

Color Contrast Check

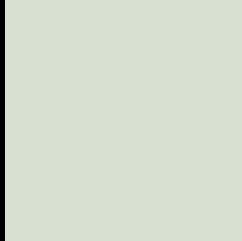
Large Text (above 18pt) WCAG AA × Fail

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 72.5137, 0.3169, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

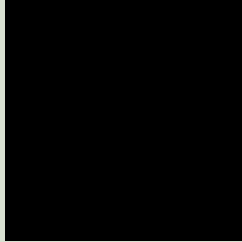
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

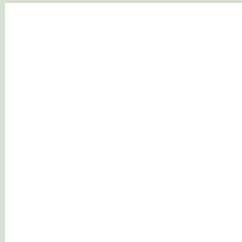
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5137, 0.3169, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 72.5137, 0.3169, 0.3456.

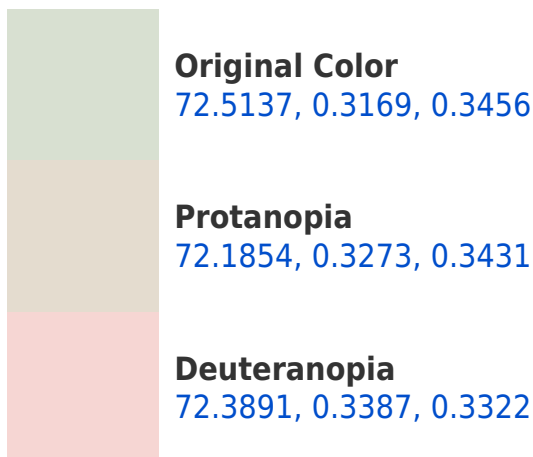


This preview shows how white text looks on a background with the Yxy color 72.5137, 0.3169, 0.3456.

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

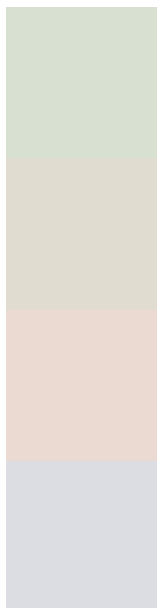




Tritanopia

72.5165, 0.3017, 0.3108

Trichromacy



Original Color

72.5137, 0.3169, 0.3456

Protanomaly

72.1143, 0.3236, 0.3432

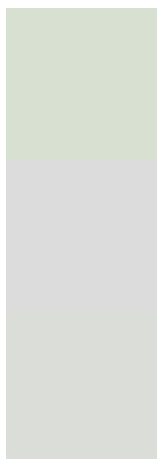
Deuteranomaly

72.4581, 0.3306, 0.3376

Tritanomaly

72.3190, 0.3074, 0.3225

Monochromacy



Original Color

72.5137, 0.3169, 0.3456

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7308, 0.3146, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5137, 0.3169, 0.3456 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(216, 224, 209) looks like.

```
.text, #text, p{  
    color:rgb(216, 224, 209)  
}
```

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(216, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 224, 209) }
```

Border

The CSS property to change the border of an element to Yxy 72.5137, 0.3169, 0.3456 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(216, 224, 209) }
```

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

```
.border{ border-color:rgb(216, 224, 209) }
```

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

Here you see how a box with a 4 pixel rgb(216, 224, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(216, 224,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5137, 0.3169, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 224, 209) }
```

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

```
.background{ background-color: rgb(216,  
224, 209) }
```

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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