

Converting Colors

$Yxy(76.3999, 0.3206, 0.3514)$

Have a look what the booklet for
Yxy(76.3999, 0.3206, 0.3514)
contains.

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Color

Yxy(76.1717, 0.3207, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	DEE5D1
RGB	222, 229, 209
RGB Percent	87%, 90%, 82%
CMY	0.1294, 0.1020, 0.1803
CMYK	0.03, 0.00, 0.09, 0.10
HSL	81°, 28%, 86%
HSV	81°, 9%, 90%
XYZ	69.6557, 76.1717, 71.3716
YIQ	224.6270, 2.2480, -7.7040

Conversions

Conversions Part 2

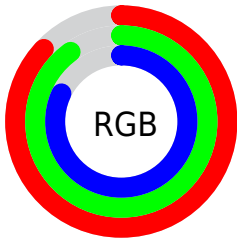
Format	Color
RYP	209, 229, 216
Decimal	14607825
CIE Lab	89.94, -5.84, 8.92
CIE LCh	90, 10.662, 123.223
Yxy	76.1717, 0.3207, 0.3507
Android (android.graphics.Color)	4292797905 (0xFFDEE5D1)
YUV	224.6270, -7.7041, -2.3039
Hunter-Lab	87.2764, -10.2720, 12.6082

Details

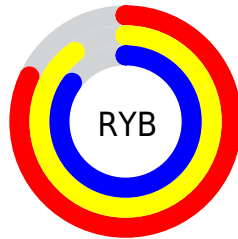
The Yxy color **76.1717, 0.3207, 0.3507** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8763, 0.3042, 0.3070**, and the grayscale version is **75.0720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8542, 0.3222, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **73.8837, 0.3299, 0.3772**, and if you desaturate by 10%, it is **78.6897, 0.3116, 0.3259**.

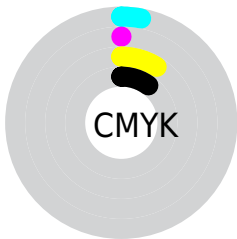
Distribution



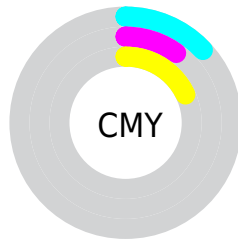
- Red (87%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (90%)
- Blue (85%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1717, 0.3207, 0.3507 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 76.1717, 0.3207, 0.3507 by changing the saturation by 10% instead.

■ 76.1717, 0.3207,
0.3507

■ 76.1717, 0.3207,
0.3507

481.9353, 0.3171,
0.3406

■ 56.5733, 0.3215,
0.3530

127.9696, 0.3195,
0.3472

■ 40.6628, 0.3225,
0.3559

160.9379, 0.3190,
0.3458

■ 28.0557, 0.3237,
0.3595

199.1316, 0.3186,
0.3447

■ 18.3676, 0.3253,
0.3643

242.9351, 0.3182,
0.3437

■ 11.2142, 0.3274,
0.3708

292.7328, 0.3179,
0.3428

■ 6.2111, 0.3304,
0.3803

348.9092, 0.3176,

■ 2.9739, 0.3348,

0.3420

0.3953

411.8485, 0.3173,
0.3413

■ 1.1181, 0.3483,
0.4305

■ 0.0000, 0.0000,
0.0000

■ 76.1717, 0.3207,
0.3507

■ 76.1717, 0.3207,
0.3507

■ 73.8837, 0.3299,
0.3772

■ 78.6897, 0.3116,
0.3259

■ 71.8080, 0.3388,
0.4049

■ 81.4350, 0.3027,
0.3031

■ 69.9396, 0.3471,
0.4331

■ 82.8663, 0.3079,
0.3034

■ 68.2697, 0.3542,
0.4609

■ 84.3494, 0.3133,
0.3038

■ 66.7886, 0.3597,
0.4871

■ 84.5198, 0.3139,
0.3039

■ 65.4856, 0.3631,
0.5103

■ 64.3487, 0.3641,
0.5293

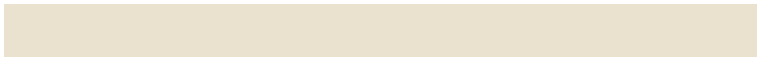
■ 63.3638, 0.3625,
0.5434

■ 62.5103, 0.3588,
0.5527

Harmonies

Analogous

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



76.1717, 0.3315, 0.3501



76.1717, 0.3207, 0.3507



76.1717, 0.3079, 0.3451

Triad

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



76.1717, 0.3207, 0.3507



76.1717, 0.2888, 0.3136



76.1717, 0.3289, 0.3229

Complementary

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



76.1717, 0.3207, 0.3507



65.8763, 0.3042, 0.3070

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.



76.1717, 0.3172, 0.3137



76.1717, 0.3207, 0.3507



76.1717, 0.2941, 0.3082

Square

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



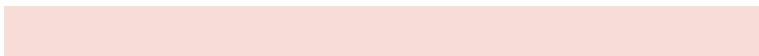
76.1717, 0.3207, 0.3507



76.1717, 0.2897, 0.3234



76.1717, 0.3044, 0.3083



76.1717, 0.3363, 0.3339

Rectangle

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



76.1717, 0.3207, 0.3507



76.1717, 0.3001, 0.3387



76.1717, 0.3044, 0.3083



76.1717, 0.3253, 0.3195

Sweetspot

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



76.1750, 0.3207, 0.3507



99.0122, 0.3155, 0.3364



70.3855, 0.3271, 0.3366



21.1371, 0.3162, 0.3383



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.



76.1750, 0.3207, 0.3507



96.8098, 0.3219, 0.3542



74.6457, 0.3137, 0.3512



16.5513, 0.3214, 0.3526



35.7502, 0.3591, 0.5530



2.6931, 0.3680, 0.5460

Inverse Universe

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



65.8763, 0.3042, 0.3070



81.7882, 0.3028, 0.3035



67.4429, 0.3115, 0.3075



14.1315, 0.3035, 0.3051



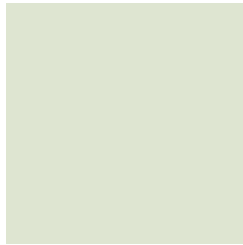
4.2762, 0.1771, 0.0749



0.3664, 0.1933, 0.0839

Previews

White Background



This preview shows how the Yxy color 76.1717, 0.3207, 0.3507 looks on a white background.

Color Contrast Check

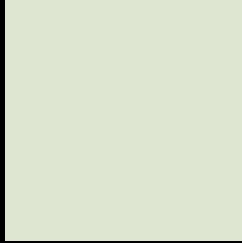
Large Text (above 18pt) WCAG AA × Fail

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 76.1717, 0.3207, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

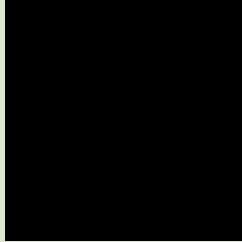
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

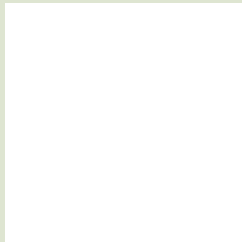
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1717, 0.3207, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 76.1717, 0.3207, 0.3507.

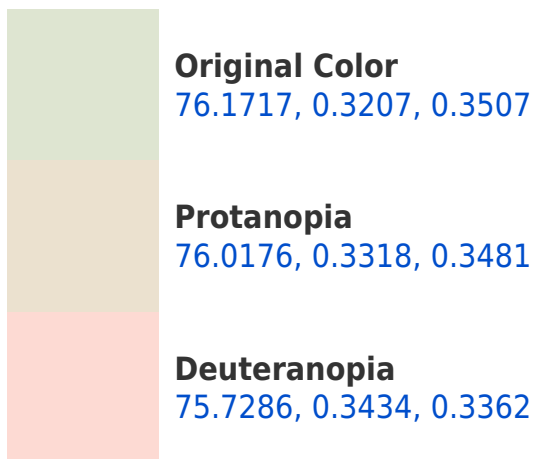


This preview shows how white text looks on a background with the Yxy color 76.1717, 0.3207, 0.3507.

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

76.0530, 0.3033, 0.3102

Trichromacy



Original Color

76.1717, 0.3207, 0.3507

Protanomaly

75.7698, 0.3274, 0.3483

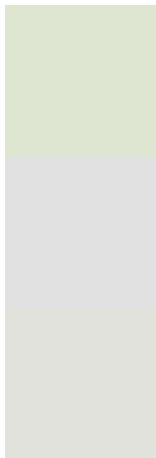
Deuteranomaly

75.7729, 0.3353, 0.3416

Tritanomaly

76.1134, 0.3095, 0.3247

Monochromacy



Original Color

76.1717, 0.3207, 0.3507

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.3545, 0.3159, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1717, 0.3207, 0.3507 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(222, 229, 209)` looks like.

```
.text, #text, p{  
    color:rgb(222, 229, 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(222, 229, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 229, 209) }
```

Border

The CSS property to change the border of an element to Yxy 76.1717, 0.3207, 0.3507 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(222, 229, 209) }
```

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

```
.border{ border-color:rgb(222, 229, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 229, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 229, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 229, 209);  
box-shadow:4px 4px 4px 4px rgb(222, 229,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1717, 0.3207, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 229, 209) }
```

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

```
.background{ background-color: rgb(222,  
229, 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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