

Converting Colors

$Yxy(76.7930, 0.3161, 0.3448)$

Have a look what the booklet for
Yxy(76.7930, 0.3161, 0.3448)
contains.

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Color

Yxy(76.8721, 0.3161, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	DDE6D7
RGB	221, 230, 215
RGB Percent	87%, 90%, 84%
CMY	0.1332, 0.0981, 0.1568
CMYK	0.04, 0.00, 0.07, 0.10
HSL	96°, 23%, 87%
HSV	96°, 7%, 90%
XYZ	70.3919, 76.8721, 75.4246
YIQ	225.5990, -0.5490, -6.5730

Conversions

Conversions Part 2

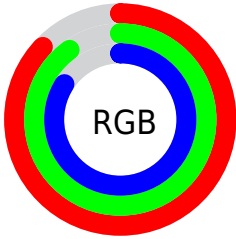
Format	Color
R _Y B	215, 230, 224
Decimal	14542551
CIE Lab	90.26, -5.65, 6.25
CIE LCh	90, 8.428, 132.140
Yxy	76.8721, 0.3161, 0.3452
Android (android.graphics.Color)	4292732631 (0xFFDDE6D7)
YUV	225.5990, -5.2253, -4.0333
Hunter-Lab	87.6767, -10.1244, 10.3690

Details

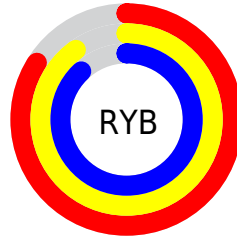
The Yxy color **76.8721, 0.3161, 0.3452** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1609, 0.3091, 0.3129**, and the grayscale version is **75.7941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3050, 0.3171, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **73.7050, 0.3212, 0.3721**, and if you desaturate by 10%, it is **80.3885, 0.3109, 0.3208**.

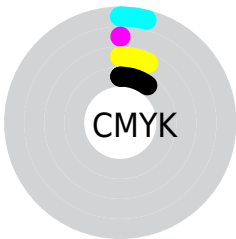
Distribution



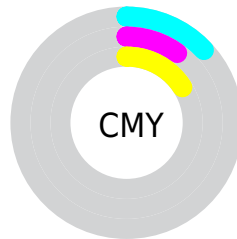
- Red (87%)
- Green (90%)
- Blue (84%)



- Red (84%)
- Yellow (90%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.8721, 0.3161, 0.3452 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 76.8721, 0.3161, 0.3452 by changing the saturation by 10% instead.

■ 76.8721, 0.3161,
0.3452

■ 76.8721, 0.3161,
0.3452

484.3278, 0.3146,
0.3377

■ 57.1479, 0.3164,
0.3469

128.9589, 0.3156,
0.3426

■ 41.1240, 0.3168,
0.3490

162.0903, 0.3154,
0.3416

■ 28.4160, 0.3174,
0.3517

200.4596, 0.3152,
0.3407

■ 18.6395, 0.3180,
0.3553

244.4512, 0.3151,
0.3400

■ 11.4101, 0.3189,
0.3601

294.4494, 0.3149,
0.3393

■ 6.3434, 0.3200,
0.3671

350.8386, 0.3148,

■ 3.0550, 0.3218,

0.3387

0.3781

414.0033, 0.3147,
0.3382

■ 1.1605, 0.3254,
0.3993

■ 0.0291, 0.0000,
1.0000

■ 76.8721, 0.3161,
0.3452

■ 76.8721, 0.3161,
0.3452

■ 73.7050, 0.3212,
0.3721

■ 80.3885, 0.3109,
0.3208

■ 70.8663, 0.3260,
0.4012

■ 83.8617, 0.3095,
0.3045

■ 68.3475, 0.3303,
0.4319

■ 85.0696, 0.3138,
0.3048

■ 66.1360, 0.3335,
0.4633

■ 64.2186, 0.3355,
0.4940

■ 62.5806, 0.3357,
0.5225

■ 61.2058, 0.3341,
0.5468

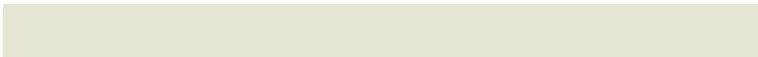
■ 60.0762, 0.3305,
0.5655

■ 59.1697, 0.3254,
0.5780

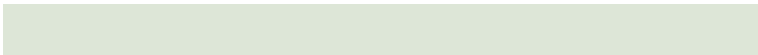
Harmonies

Analogous

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



76.8721, 0.3253, 0.3463



76.8721, 0.3161, 0.3452



76.8721, 0.3061, 0.3396

Triad

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



76.8721, 0.3161, 0.3452



76.8721, 0.2945, 0.3152



76.8721, 0.3277, 0.3268

Complementary

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



76.8721, 0.3161, 0.3452



70.1609, 0.3091, 0.3129

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.



76.8721, 0.3192, 0.3188



76.8721, 0.3161, 0.3452



76.8721, 0.3001, 0.3121

Square

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



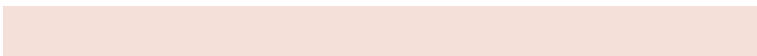
76.8721, 0.3161, 0.3452



76.8721, 0.2938, 0.3221



76.8721, 0.3091, 0.3135



76.8721, 0.3321, 0.3355

Rectangle

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



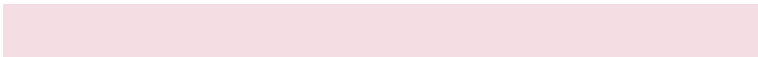
76.8721, 0.3161, 0.3452



76.8721, 0.3003, 0.3341



76.8721, 0.3091, 0.3135



76.8721, 0.3252, 0.3239

Sweetspot

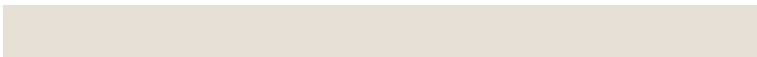
The Sweet Spot groups the original color and five complimentary colors.



76.8754, 0.3161, 0.3452



99.1026, 0.3138, 0.3339



74.9061, 0.3229, 0.3384



21.2215, 0.3137, 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.



76.8754, 0.3161, 0.3452



96.5165, 0.3169, 0.3492



76.0098, 0.3112, 0.3440



16.3709, 0.3176, 0.3529



33.4126, 0.3246, 0.5805



2.5220, 0.3360, 0.5714

Inverse Universe

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



70.1609, 0.3091, 0.3129



86.1433, 0.3082, 0.3090



71.0716, 0.3143, 0.3144



14.3107, 0.3074, 0.3054



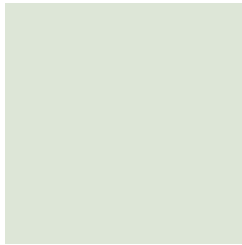
6.3378, 0.2228, 0.1001



0.5221, 0.2369, 0.1079

Previews

White Background



This preview shows how the Yxy color 76.8721, 0.3161, 0.3452 looks on a white background.

Color Contrast Check

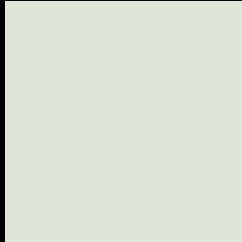
Large Text (above 18pt) WCAG AA × Fail

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 76.8721, 0.3161, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

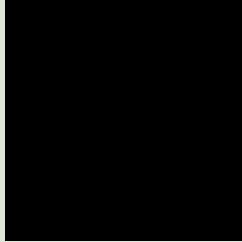
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

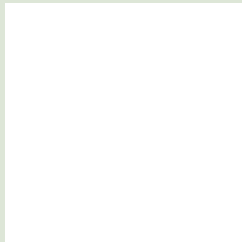
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.8721, 0.3161, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 76.8721, 0.3161, 0.3452.

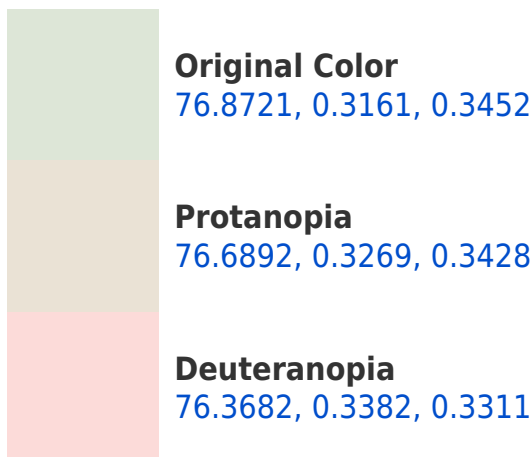


This preview shows how white text looks on a background with the Yxy color 76.8721, 0.3161, 0.3452.

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

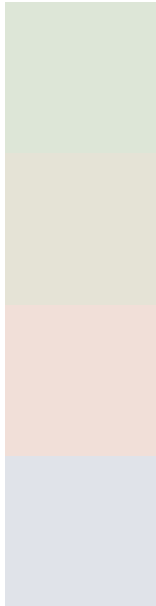




Tritanopia

76.9319, 0.3007, 0.3102

Trichromacy



Original Color

76.8721, 0.3161, 0.3452

Protanomaly

76.4512, 0.3226, 0.3429

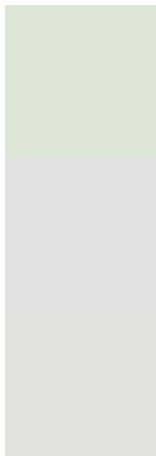
Deuteranomaly

76.4340, 0.3303, 0.3363

Tritanomaly

76.6687, 0.3069, 0.3226

Monochromacy



Original Color

76.8721, 0.3161, 0.3452

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.0594, 0.3139, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.8721, 0.3161, 0.3452 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(221, 230, 215)` looks like.

```
.text, #text, p{  
    color:rgb(221, 230, 215)  
}
```

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(221, 230, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 230, 215) }
```

Border

The CSS property to change the border of an element to Yxy 76.8721, 0.3161, 0.3452 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(221, 230, 215) }
```

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

```
.border{ border-color:rgb(221, 230, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 230, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 230, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 230, 215);  
box-shadow:4px 4px 4px 4px rgb(221, 230,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 76.8721, 0.3161, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 230, 215) }
```

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

```
.background{ background-color: rgb(221,  
230, 215) }
```

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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