

Converting Colors

$Yxy(75.5588, 0.3164, 0.3433)$

Have a look what the booklet for
Yxy(75.5588, 0.3164, 0.3433)
contains.

Yxy(75.7653, 0.3162, 0.3431)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.7653, 0.3162, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	DDE4D7
RGB	221, 228, 215
RGB Percent	87%, 89%, 84%
CMY	0.1334, 0.1058, 0.1568
CMYK	0.03, 0.00, 0.06, 0.11
HSL	92°, 19%, 87%
HSV	92°, 6%, 89%
XYZ	69.8251, 75.7653, 75.2353
YIQ	224.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

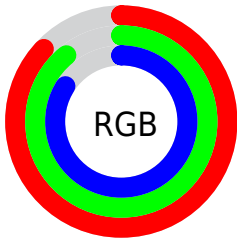
Format	Color
R _Y B	215, 228, 222
Decimal	14542039
CIE Lab	89.75, -4.66, 5.51
CIE LCh	90, 7.221, 130.222
Yxy	75.7653, 0.3162, 0.3431
Android (android.graphics.Color)	4292732119 (0xFFDDE4D7)
YUV	224.4250, -4.6465, -3.0037
Hunter-Lab	87.0433, -9.1351, 9.6833

Details

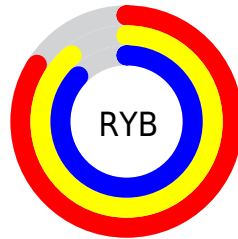
The Yxy color **75.7653, 0.3162, 0.3431** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7383, 0.3091, 0.3149**, and the grayscale version is **74.8958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5322, 0.3172, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **72.8150, 0.3223, 0.3696**, and if you desaturate by 10%, it is **79.0272, 0.3101, 0.3189**.

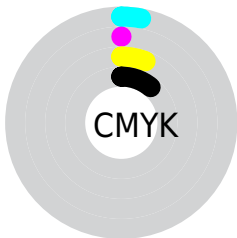
Distribution



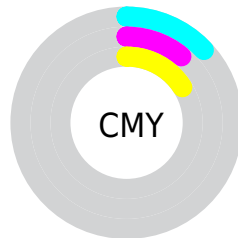
- Red (87%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7653, 0.3162, 0.3431 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 75.7653, 0.3162, 0.3431 by changing the saturation by 10% instead.

■ 75.7653, 0.3162,
0.3431

■ 75.7653, 0.3162,
0.3431

480.5439, 0.3146,
0.3366

■ 56.2401, 0.3166,
0.3446

127.3951, 0.3157,
0.3408

■ 40.3954, 0.3170,
0.3464

160.2684, 0.3154,
0.3400

■ 27.8470, 0.3175,
0.3488

198.3600, 0.3153,
0.3392

■ 18.2104, 0.3182,
0.3519

242.0541, 0.3151,
0.3385

■ 11.1011, 0.3191,
0.3561

291.7351, 0.3150,
0.3380

■ 6.1349, 0.3204,
0.3622

347.7875, 0.3148,

■ 2.9273, 0.3224,

0.3374

0.3719

410.5956, 0.3147,
0.3370

■ 1.0939, 0.3267,
0.3910

■ 0.0000, 0.0000,
0.0000

■ 75.7653, 0.3162,
0.3431

■ 75.7653, 0.3162,
0.3431

■ 72.8150, 0.3223,
0.3696

■ 79.0272, 0.3101,
0.3189

■ 70.1567, 0.3281,
0.3982

■ 82.2338, 0.3076,
0.3024

■ 67.7835, 0.3333,
0.4282

■ 83.9719, 0.3139,
0.3029

■ 65.6842, 0.3376,
0.4589

■ 63.8472, 0.3405,
0.4888

■ 62.2597, 0.3417,
0.5165

■ 60.9074, 0.3408,
0.5404

■ 59.7742, 0.3377,
0.5590

■ 58.8411, 0.3328,
0.5717

Harmonies

Analogous

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



75.7653, 0.3240, 0.3438



75.7653, 0.3162, 0.3431



75.7653, 0.3076, 0.3385

Triad

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



75.7653, 0.3162, 0.3431



75.7653, 0.2969, 0.3174



75.7653, 0.3252, 0.3266

Complementary

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



75.7653, 0.3162, 0.3431



69.7383, 0.3091, 0.3149

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.



75.7653, 0.3178, 0.3198



75.7653, 0.3162, 0.3431



75.7653, 0.3014, 0.3145

Square

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



75.7653, 0.3162, 0.3431



75.7653, 0.2965, 0.3235



75.7653, 0.3091, 0.3154



75.7653, 0.3293, 0.3341

Rectangle

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



75.7653, 0.3162, 0.3431



75.7653, 0.3025, 0.3339



75.7653, 0.3091, 0.3154



75.7653, 0.3230, 0.3242

Sweetspot

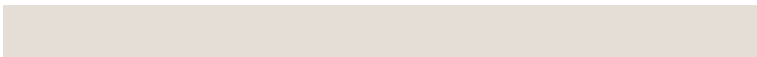
The Sweet Spot groups the original color and five complimentary colors.



75.7686, 0.3162, 0.3431



99.1574, 0.3139, 0.3339



73.6126, 0.3217, 0.3365



21.2326, 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.



75.7686, 0.3162, 0.3431



97.1210, 0.3170, 0.3465



74.8683, 0.3118, 0.3428



16.5380, 0.3173, 0.3479



33.8398, 0.3315, 0.5750



2.5554, 0.3428, 0.5660

Inverse Universe

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



69.7383, 0.3091, 0.3149



87.6107, 0.3082, 0.3115



70.6761, 0.3137, 0.3156



14.8006, 0.3078, 0.3102



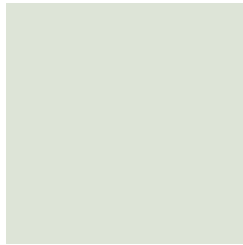
5.7414, 0.2106, 0.0934



0.4794, 0.2258, 0.1017

Previews

White Background



This preview shows how the Yxy color 75.7653, 0.3162, 0.3431 looks on a white background.

Color Contrast Check

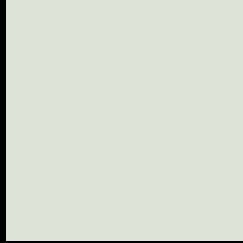
Large Text (above 18pt) WCAG AA × Fail

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 75.7653, 0.3162, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

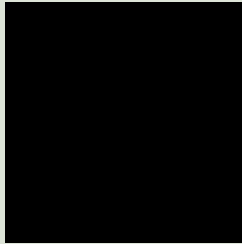
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

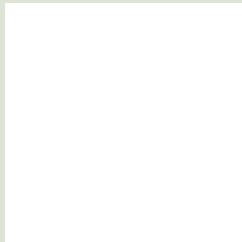
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7653, 0.3162, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 75.7653, 0.3162, 0.3431.

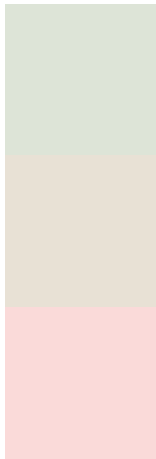


This preview shows how white text looks on a background with the Yxy color 75.7653, 0.3162, 0.3431.

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



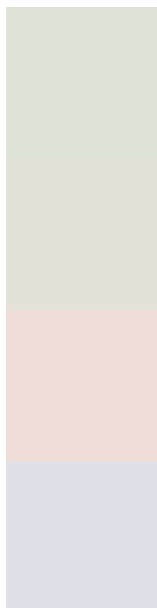
Original Color
75.7653, 0.3162, 0.3431
Protanopia
75.8103, 0.3256, 0.3418
Deuteranopia
75.4766, 0.3368, 0.3301



Tritanopia

75.7297, 0.3019, 0.3101

Trichromacy



Original Color

75.7653, 0.3162, 0.3431

Protanomaly

75.7417, 0.3220, 0.3419

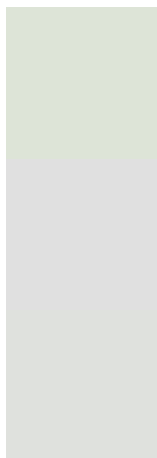
Deuteranomaly

75.5511, 0.3289, 0.3353

Tritanomaly

75.5239, 0.3075, 0.3216

Monochromacy



Original Color

75.7653, 0.3162, 0.3431

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.7589, 0.3139, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7653, 0.3162, 0.3431 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, 228, 215)` looks like.

```
.text, #text, p{  
    color:rgb(221, 228, 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, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 228, 215) }
```

Border

The CSS property to change the border of an element to Yxy 75.7653, 0.3162, 0.3431 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, 228, 215) }
```

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

```
.border{ border-color:rgb(221, 228, 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, 228, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 228, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 228, 215); box-shadow:4px 4px 4px 4px rgb(221, 228, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7653, 0.3162, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 228, 215) }
```

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

```
.background{ background-color: rgb(221,  
228, 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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