

Converting Colors

$Yxy(75.5324, 0.3177, 0.3420)$

Have a look what the booklet for
Yxy(75.5324, 0.3177, 0.3420)
contains.

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Color

Yxy(75.5324, 0.3177, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	DFE3D7
RGB	223, 227, 215
RGB Percent	87%, 89%, 84%
CMY	0.1255, 0.1098, 0.1569
CMYK	0.02, 0.00, 0.05, 0.11
HSL	80°, 18%, 87%
HSV	80°, 5%, 89%
XYZ	70.1656, 75.5324, 75.1569
YIQ	224.4360, 1.4680, -4.5800

Conversions

Conversions Part 2

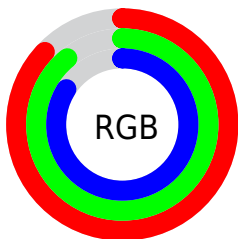
Format	Color
RYB	215, 227, 219
Decimal	14672855
CIELab	89.64, -3.46, 5.39
CIElCh	90, 6.405, 122.731
Yxy	75.5324, 0.3177, 0.3420
Android (android.graphics.Color)	4292862935 (0xFFDFE3D7)
YUV	224.4360, -4.6519, -1.2594
Hunter-Lab	86.9094, -7.9808, 9.5641

Details

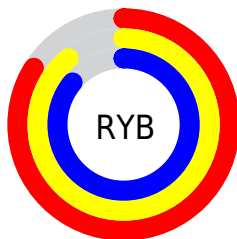
The Yxy color **75.5324, 0.3177, 0.3420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1941, 0.3076, 0.3159**, and the grayscale version is **74.9043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3679, 0.3192, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **73.2764, 0.3272, 0.3679**, and if you desaturate by 10%, it is **78.0103, 0.3084, 0.3179**.

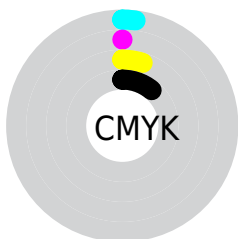
Distribution



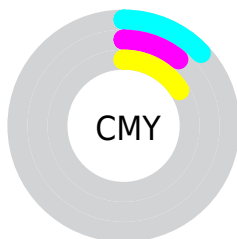
- Red (87%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (86%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5324, 0.3177, 0.3420 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 75.5324, 0.3177, 0.3420 by changing the saturation by 10% instead.

■ 75.5324, 0.3177,
0.3420

■ 75.5324, 0.3177,
0.3420

479.7455, 0.3154,
0.3360

■ 56.0492, 0.3182,
0.3434

127.0657, 0.3169,
0.3399

■ 40.2423, 0.3188,
0.3451

159.8846, 0.3166,
0.3391

■ 27.7275, 0.3196,
0.3472

197.9174, 0.3163,
0.3384

■ 18.1204, 0.3207,
0.3501

241.5487, 0.3161,
0.3378

■ 11.0364, 0.3220,
0.3539

291.1627, 0.3159,
0.3373

■ 6.0914, 0.3240,
0.3595

347.1439, 0.3157,

■ 2.9007, 0.3270,

0.3368

0.3684

409.8767, 0.3156,
0.3364

■ 1.0801, 0.3334,
0.3859

■ 0.0000, 0.0000,
0.0000

■ 75.5324, 0.3177,
0.3420

■ 75.5324, 0.3177,
0.3420

■ 73.2764, 0.3272,
0.3679

■ 78.0103, 0.3084,
0.3179

■ 71.2252, 0.3366,
0.3951

■ 80.3557, 0.3026,
0.3009

■ 69.3742, 0.3454,
0.4231

■ 81.6901, 0.3077,
0.3014

■ 67.7151, 0.3533,
0.4509

■ 83.0800, 0.3128,
0.3018

■ 66.2388, 0.3598,
0.4774

■ 83.4211, 0.3140,
0.3019

■ 64.9355, 0.3642,
0.5014

■ 63.7940, 0.3663,
0.5216

■ 62.8014, 0.3659,
0.5372

■ 61.9422, 0.3631,
0.5477

Harmonies

Analogous

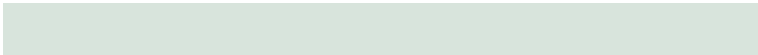
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5324, 0.3241, 0.3417



75.5324, 0.3177, 0.3420



75.5324, 0.3100, 0.3387

Triad

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



75.5324, 0.3177, 0.3420



75.5324, 0.2982, 0.3199



75.5324, 0.3224, 0.3253

Complementary

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



75.5324, 0.3177, 0.3420



69.1941, 0.3076, 0.3159

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.



75.5324, 0.3153, 0.3196



75.5324, 0.3177, 0.3420



75.5324, 0.3014, 0.3165

Square

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



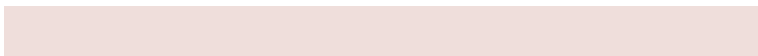
75.5324, 0.3177, 0.3420



75.5324, 0.2988, 0.3258



75.5324, 0.3076, 0.3164



75.5324, 0.3268, 0.3319

Rectangle

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



75.5324, 0.3177, 0.3420



75.5324, 0.3052, 0.3349



75.5324, 0.3076, 0.3164



75.5324, 0.3202, 0.3232

Sweetspot

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



75.5357, 0.3177, 0.3420



99.3557, 0.3146, 0.3339



71.7898, 0.3212, 0.3331



21.2730, 0.3145, 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.



75.5357, 0.3177, 0.3420



98.1015, 0.3184, 0.3439



74.6265, 0.3136, 0.3422



16.7101, 0.3190, 0.3453



35.9735, 0.3621, 0.5507



2.7085, 0.3706, 0.5440

Inverse Universe

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



69.1941, 0.3076, 0.3159



88.7377, 0.3068, 0.3140



70.1130, 0.3117, 0.3161



14.9645, 0.3062, 0.3125



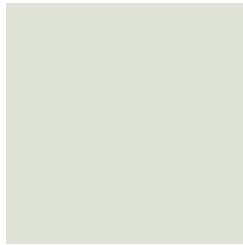
4.1746, 0.1746, 0.0736



0.3578, 0.1906, 0.0824

Previews

White Background



This preview shows how the Yxy color 75.5324, 0.3177, 0.3420 looks on a white background.

Color Contrast Check

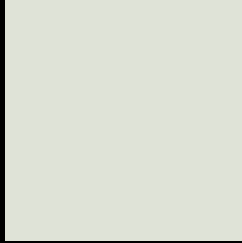
Large Text (above 18pt) WCAG AA × Fail

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 75.5324, 0.3177, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

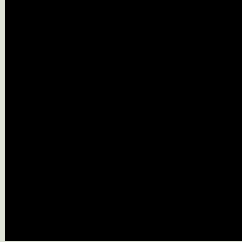
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

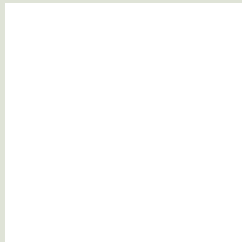
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5324, 0.3177, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 75.5324, 0.3177, 0.3420.

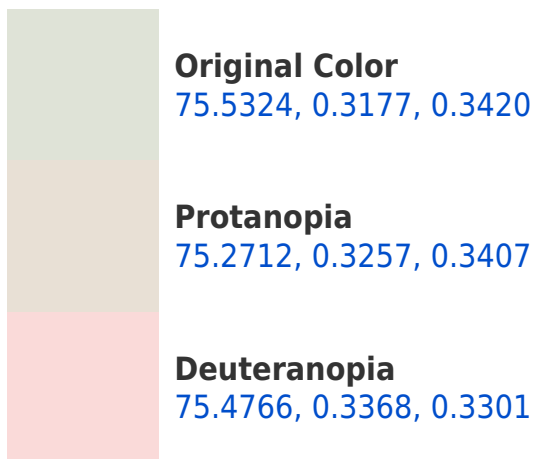


This preview shows how white text looks on a background with the Yxy color 75.5324, 0.3177, 0.3420.

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

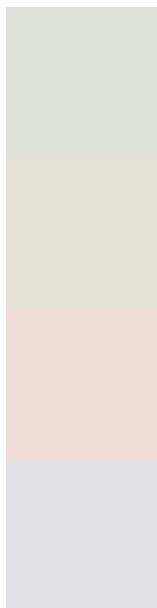




Tritanopia

75.4571, 0.3039, 0.3102

Trichromacy



Original Color

75.5324, 0.3177, 0.3420

Protanomaly

75.3635, 0.3228, 0.3408

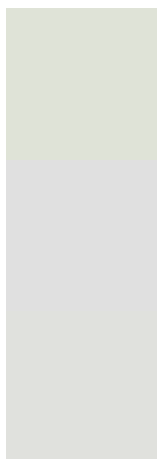
Deuteranomaly

75.1960, 0.3298, 0.3343

Tritanomaly

75.3063, 0.3089, 0.3205

Monochromacy



Original Color

75.5324, 0.3177, 0.3420

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.9182, 0.3146, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5324, 0.3177, 0.3420 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(223, 227, 215)` looks like.

```
.text, #text, p{  
    color:rgb(223, 227, 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(223, 227, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 227, 215) }
```

Border

The CSS property to change the border of an element to Yxy 75.5324, 0.3177, 0.3420 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(223, 227, 215) }
```

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

```
.border{ border-color:rgb(223, 227, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 227, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 227, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 227, 215);  
box-shadow:4px 4px 4px 4px rgb(223, 227,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5324, 0.3177, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 227, 215) }
```

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

```
.background{ background-color: rgb(223,  
227, 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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