

Converting Colors

Yxy(76.1462, 0.3056, 0.3353)

Have a look what the booklet for
Yxy(76.1462, 0.3056, 0.3353)
contains.

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Color

Yxy(76.2716, 0.3056, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	D6E6E0
RGB	214, 230, 224
RGB Percent	84%, 90%, 88%
CMY	0.1610, 0.0980, 0.1215
CMYK	0.07, 0.00, 0.03, 0.10
HSL	158°, 24%, 87%
HSV	158°, 7%, 90%
XYZ	69.4742, 76.2716, 81.5913
YIQ	224.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

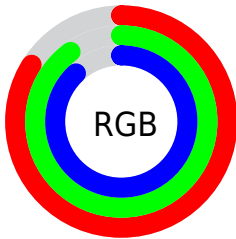
Format	Color
R _Y B	214, 224, 230
Decimal	14083808
CIE Lab	89.99, -6.43, 1.07
CIE LCh	90, 6.522, 170.523
Yxy	76.2716, 0.3056, 0.3355
Android (android.graphics.Color)	4292273888 (0xFFD6E6E0)
YUV	224.5320, -0.2623, -9.2366
Hunter-Lab	87.3336, -10.8364, 5.7419

Details

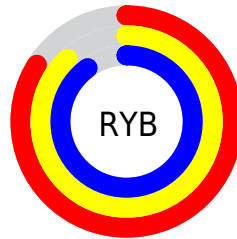
The Yxy color **76.2716, 0.3056, 0.3355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0607, 0.3204, 0.3226**, and the grayscale version is **74.9453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8954, 0.3036, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **72.6012, 0.2957, 0.3457**, and if you desaturate by 10%, it is **80.4607, 0.3158, 0.3263**.

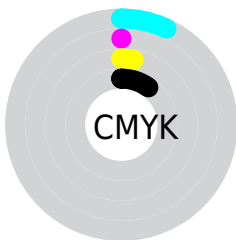
Distribution



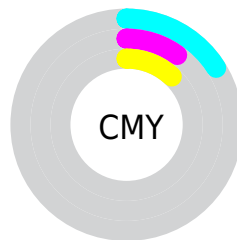
- Red (84%)
- Green (90%)
- Blue (88%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2716, 0.3056, 0.3355 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 76.2716, 0.3056, 0.3355 by changing the saturation by 10% instead.

■ 76.2716, 0.3056,
0.3355

■ 76.2716, 0.3056,
0.3355

482.2769, 0.3089,
0.3325

■ 56.6552, 0.3049,
0.3362

128.1108, 0.3067,
0.3345

■ 40.7285, 0.3039,
0.3370

161.1023, 0.3072,
0.3341

■ 28.1070, 0.3028,
0.3381

199.3211, 0.3076,
0.3337

■ 18.4063, 0.3013,
0.3395

243.1515, 0.3079,
0.3334

■ 11.2421, 0.2992,
0.3414

292.9779, 0.3082,
0.3331

■ 6.2299, 0.2962,
0.3441

349.1847, 0.3084,

■ 2.9854, 0.2916,

0.3329

412.1562, 0.3087,
0.3327

0.3484

■ 1.1241, 0.2834,
0.3561

■ 0.0000, 0.0000,
0.0000

■ 76.2716, 0.3056,
0.3355

■ 76.2716, 0.3056,
0.3355

■ 72.6012, 0.2957,
0.3457

■ 80.4607, 0.3158,
0.3263

■ 69.4190, 0.2863,
0.3569

■ 84.2259, 0.3227,
0.3181

■ 66.7061, 0.2778,
0.3692

■ 84.7522, 0.3171,
0.3098

■ 64.4387, 0.2704,
0.3823

■ 85.0829, 0.3138,
0.3049

■ 62.5907, 0.2645,
0.3961

■ 61.1332, 0.2603,
0.4105

■ 60.0336, 0.2582,
0.4251

■ 59.2536, 0.2580,
0.4397

■ 58.7441, 0.2599,
0.4539

Harmonies

Analogous

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



76.2716, 0.3132, 0.3406



76.2716, 0.3056, 0.3355



76.2716, 0.3000, 0.3286

Triad

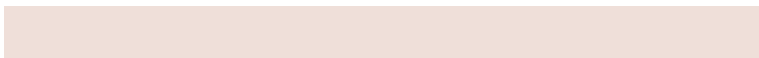
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2716, 0.3056, 0.3355



76.2716, 0.3047, 0.3158



76.2716, 0.3279, 0.3358

Complementary

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



76.2716, 0.3056, 0.3355



70.0607, 0.3204, 0.3226

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.



76.2716, 0.3256, 0.3292



76.2716, 0.3056, 0.3355



76.2716, 0.3121, 0.3178

Square

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



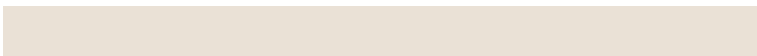
76.2716, 0.3056, 0.3355



76.2716, 0.2995, 0.3173



76.2716, 0.3198, 0.3227



76.2716, 0.3261, 0.3407

Rectangle

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



76.2716, 0.3056, 0.3355



76.2716, 0.2981, 0.3240



76.2716, 0.3198, 0.3227



76.2716, 0.3276, 0.3337

Sweetspot

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



76.2748, 0.3056, 0.3355



98.9234, 0.3107, 0.3308



76.6887, 0.3161, 0.3464



21.1850, 0.3108, 0.3307



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.



76.2748, 0.3056, 0.3355



95.8530, 0.3045, 0.3365



75.5687, 0.3019, 0.3269



16.2403, 0.3031, 0.3379



33.2058, 0.2600, 0.4560



2.4716, 0.2542, 0.4352

Inverse Universe

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



70.0607, 0.3204, 0.3226



86.8720, 0.3217, 0.3216



70.7023, 0.3244, 0.3311



14.4566, 0.3234, 0.3203



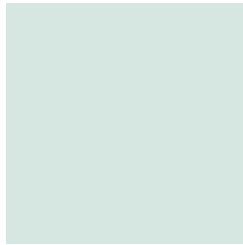
9.9257, 0.5479, 0.2792



0.7510, 0.5080, 0.2572

Previews

White Background



This preview shows how the Yxy color 76.2716, 0.3056, 0.3355 looks on a white background.

Color Contrast Check

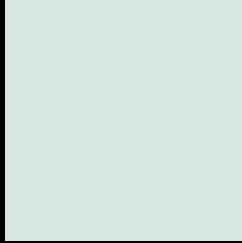
Large Text (above 18pt) WCAG AA × Fail

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 76.2716, 0.3056, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

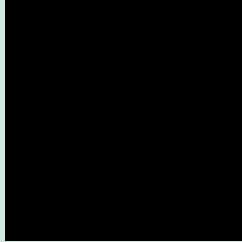
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

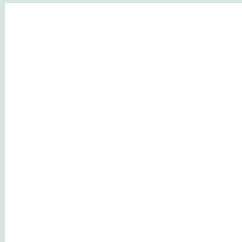
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2716, 0.3056, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 76.2716, 0.3056, 0.3355.

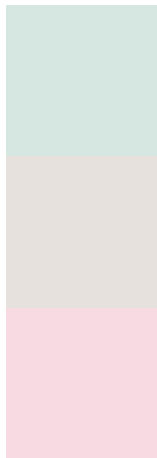


This preview shows how white text looks on a background with the Yxy color 76.2716, 0.3056, 0.3355.

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

76.2716, 0.3056, 0.3355

Protanopia

76.0598, 0.3195, 0.3333

Deuteranopia

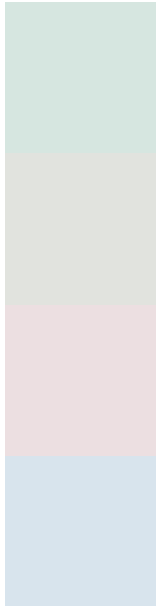
76.1105, 0.3289, 0.3219



Tritanopia

76.2825, 0.2948, 0.3099

Trichromacy



Original Color

76.2716, 0.3056, 0.3355

Protanomaly

76.2196, 0.3145, 0.3343

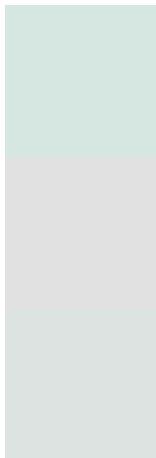
Deuteranomaly

76.0445, 0.3206, 0.3269

Tritanomaly

76.2002, 0.2990, 0.3193

Monochromacy



Original Color

76.2716, 0.3056, 0.3355

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.7466, 0.3099, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2716, 0.3056, 0.3355 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(214, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(214, 230, 224)  
}
```

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(214, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 230, 224) }
```

Border

The CSS property to change the border of an element to Yxy 76.2716, 0.3056, 0.3355 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(214, 230, 224) }
```

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

```
.border{ border-color:rgb(214, 230, 224) }
```

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

Here you see how a box with a 4 pixel rgb(214, 230, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(214, 230,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2716, 0.3056, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 230, 224) }
```

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

```
.background{ background-color: rgb(214,  
230, 224) }
```

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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