

Converting Colors

$Yxy(75.2454, 0.3027, 0.3423)$

Have a look what the booklet for
Yxy(75.2454, 0.3027, 0.3423)
contains.

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Color

Yxy(75.2454, 0.3027, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	CDE7DB
RGB	205, 231, 219
RGB Percent	80%, 91%, 86%
CMY	0.1961, 0.0941, 0.1412
CMYK	0.11, 0.00, 0.05, 0.09
HSL	152°, 35%, 85%
HSV	152°, 11%, 91%
XYZ	66.5404, 75.2454, 78.0372
YIQ	221.8580, -11.6440, -9.2440

Conversions

Conversions Part 2

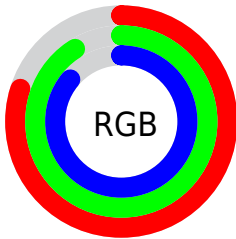
Format	Color
R_{YB}	205, 222, 231
Decimal	13494235
CIE _{Lab}	89.51, -10.81, 2.93
CIE _{LCh}	90, 11.196, 164.842
Yxy	75.2454, 0.3027, 0.3423
Android (android.graphics.Color)	4291684315 (0xFFCDE7DB)
YUV	221.8580, -1.4090, -14.7845
Hunter-Lab	86.7441, -14.8769, 7.3821

Details

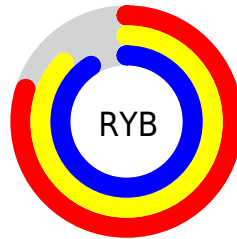
The Yxy color **75.2454, 0.3027, 0.3423** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.6655, 0.3240, 0.3161**, and the grayscale version is **72.9604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9196, 0.3007, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **71.6584, 0.2941, 0.3556**, and if you desaturate by 10%, it is **79.3597, 0.3116, 0.3304**.

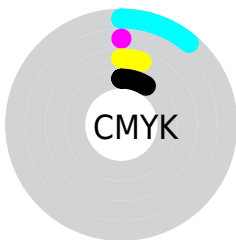
Distribution



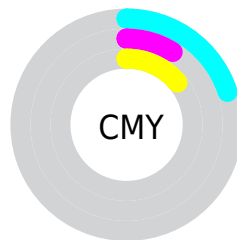
- Red (80%)
- Green (91%)
- Blue (86%)



- Red (80%)
- Yellow (87%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)




- Cyan (20%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2454, 0.3027, 0.3423 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 75.2454, 0.3027, 0.3423 by changing the saturation by 10% instead.

 75.2454, 0.3027,
0.3423

 75.2454, 0.3027,
0.3423


478.7606, 0.3073,
0.3361

 55.8140, 0.3016,
0.3437

126.6597, 0.3043,
0.3402

 40.0538, 0.3003,
0.3455


159.4113, 0.3049,
0.3393

 27.5805, 0.2987,
0.3477


197.3718, 0.3055,
0.3386

 18.0097, 0.2965,
0.3507

240.9255, 0.3059,
0.3380

 10.9569, 0.2935,
0.3547

290.4568, 0.3064,
0.3374

 6.0379, 0.2891,
0.3606

346.3502, 0.3067,

 2.8681, 0.2823,

0.3369

0.3700

408.9900, 0.3071,
0.3365

■ 1.0633, 0.2687,
0.3879

■ 0.0000, 0.0000,
0.0000

■ 75.2454, 0.3027,
0.3423

■ 75.2454, 0.3027,
0.3423

■ 71.6584, 0.2941,
0.3556

■ 79.3597, 0.3116,
0.3304

■ 68.5674, 0.2861,
0.3702

■ 84.0123, 0.3206,
0.3198

■ 65.9521, 0.2789,
0.3860

■ 85.3781, 0.3163,
0.3096

■ 63.7871, 0.2730,
0.4030

■ 85.6337, 0.3138,
0.3058

■ 62.0447, 0.2685,
0.4207

■ 60.6939, 0.2659,
0.4390

■ 59.6990, 0.2653,
0.4572

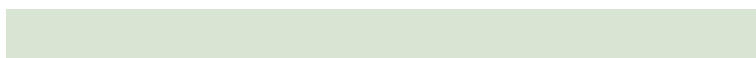
■ 59.0178, 0.2668,
0.4749

■ 58.6188, 0.2694,
0.4898

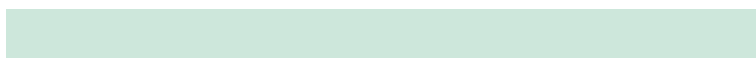
Harmonies

Analogous

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



75.2454, 0.3160, 0.3504



75.2454, 0.3027, 0.3423



75.2454, 0.2923, 0.3305

Triad

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



75.2454, 0.3027, 0.3423



75.2454, 0.2968, 0.3064



75.2454, 0.3389, 0.3385

Complementary

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



75.2454, 0.3027, 0.3423



65.6655, 0.3240, 0.3161

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.



75.2454, 0.3335, 0.3270



75.2454, 0.3027, 0.3423



75.2454, 0.3090, 0.3088

Square

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



75.2454, 0.3027, 0.3423



75.2454, 0.2889, 0.3099



75.2454, 0.3225, 0.3162



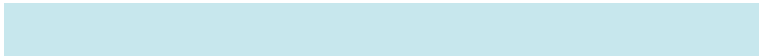
75.2454, 0.3370, 0.3478

Rectangle

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



75.2454, 0.3027, 0.3423



75.2454, 0.2882, 0.3224



75.2454, 0.3225, 0.3162



75.2454, 0.3379, 0.3348

Sweetspot

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



75.2486, 0.3027, 0.3423



98.3525, 0.3100, 0.3324



76.3348, 0.3197, 0.3576



20.9595, 0.3093, 0.3333



0.0000, 0.0000, 0.0000



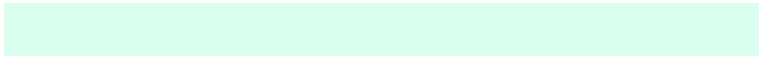
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2486, 0.3027, 0.3423



92.8305, 0.3002, 0.3459



75.4196, 0.2955, 0.3280



16.2183, 0.3043, 0.3401



32.8868, 0.2687, 0.4871



2.4489, 0.2617, 0.4620

Inverse Universe

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



65.6655, 0.3240, 0.3161



78.1229, 0.3272, 0.3127



65.4794, 0.3327, 0.3300



14.4781, 0.3220, 0.3182



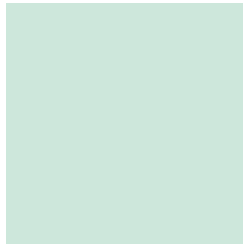
10.1393, 0.5117, 0.2592



0.7678, 0.4766, 0.2399

Previews

White Background



This preview shows how the Yxy color 75.2454, 0.3027, 0.3423 looks on a white background.

Color Contrast Check

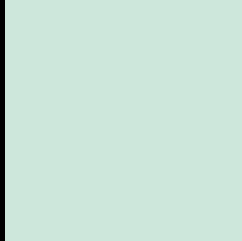
Large Text (above 18pt) WCAG AA × Fail

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 75.2454, 0.3027, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

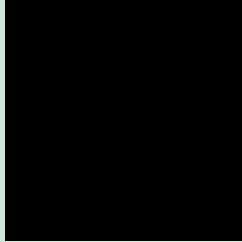
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

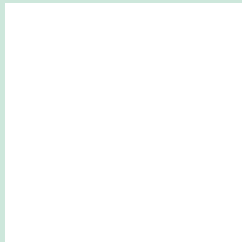
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2454, 0.3027, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 75.2454, 0.3027, 0.3423.

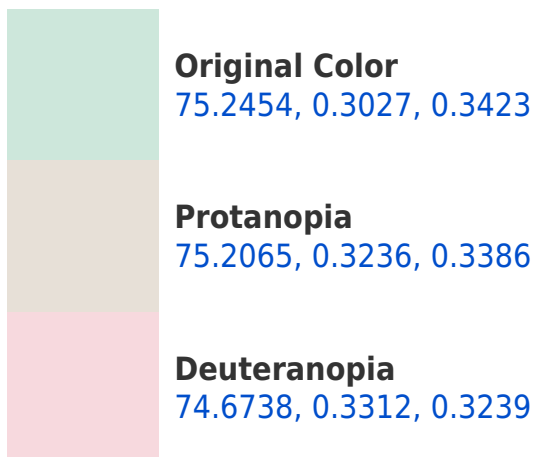


This preview shows how white text looks on a background with the Yxy color 75.2454, 0.3027, 0.3423.

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

75.0861, 0.2897, 0.3096

Trichromacy



Original Color

75.2454, 0.3027, 0.3423

Protanomaly

75.4256, 0.3163, 0.3409

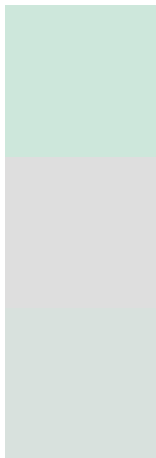
Deuteranomaly

74.6188, 0.3205, 0.3301

Tritanomaly

74.9528, 0.2944, 0.3203

Monochromacy



Original Color

75.2454, 0.3027, 0.3423

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6698, 0.3090, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2454, 0.3027, 0.3423 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(205, 231, 219)` looks like.

```
.text, #text, p{  
    color:rgb(205, 231, 219)  
}
```

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(205, 231, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 231, 219) }
```

Border

The CSS property to change the border of an element to Yxy 75.2454, 0.3027, 0.3423 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(205, 231, 219) }
```

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

```
.border{ border-color:rgb(205, 231, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 231, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 231, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 231, 219);  
box-shadow:4px 4px 4px 4px rgb(205, 231,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2454, 0.3027, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 231, 219) }
```

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

```
.background{ background-color: rgb(205,  
231, 219) }
```

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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