

Converting Colors

$Yxy(75.0116, 0.3035, 0.3526)$

Have a look what the booklet for
Yxy(75.0116, 0.3035, 0.3526)
contains.

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Color

Yxy(75.3107, 0.3036, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	C8E9D4
RGB	200, 233, 212
RGB Percent	78%, 91%, 83%
CMY	0.2157, 0.0863, 0.1685
CMYK	0.14, 0.00, 0.09, 0.09
HSL	142°, 43%, 85%
HSV	142°, 14%, 91%
XYZ	64.8449, 75.3107, 73.4311
YIQ	220.7390, -12.9270, -13.5270

Conversions

Conversions Part 2

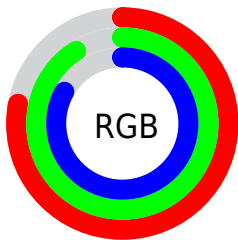
Format	Color
R _Y B	200, 224, 233
Decimal	13167060
CIE Lab	89.54, -14.74, 6.57
CIE LCh	90, 16.140, 155.967
Yxy	75.3107, 0.3036, 0.3526
Android (android.graphics.Color)	4291357140 (0xFFC8E9D4)
YUV	220.7390, -4.3083, -18.1881
Hunter-Lab	86.7817, -18.4895, 10.5785

Details

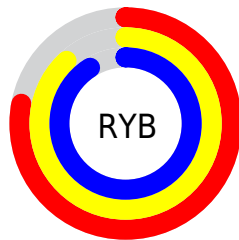
The Yxy color **75.3107, 0.3036, 0.3526** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.8497, 0.3231, 0.3065**, and the grayscale version is **72.1544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9896, 0.3019, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **71.6333, 0.2974, 0.3717**, and if you desaturate by 10%, it is **79.5519, 0.3100, 0.3355**.

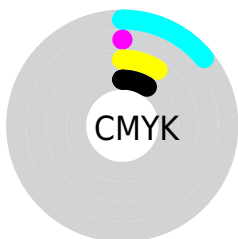
Distribution



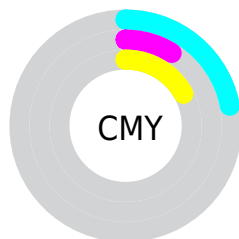
- Red (78%)
- Green (91%)
- Blue (83%)



- Red (78%)
- Yellow (88%)
- Blue (91%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)





- Cyan (22%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3107, 0.3036, 0.3526 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 75.3107, 0.3036, 0.3526 by changing the saturation by 10% instead.

 75.3107, 0.3036,
0.3526

 75.3107, 0.3036,
0.3526


478.9848, 0.3079,
0.3415

 55.8675, 0.3026,
0.3552


126.7521, 0.3051,
0.3487

 40.0967, 0.3014,
0.3583

159.5190, 0.3057,
0.3472

 27.6139, 0.2998,
0.3624


197.4959, 0.3062,
0.3460

 18.0348, 0.2977,
0.3678

241.0673, 0.3066,
0.3448

 10.9750, 0.2947,
0.3752

290.6175, 0.3070,
0.3439

 6.0500, 0.2904,
0.3862

346.5309, 0.3073,

 2.8755, 0.2833,

0.3430

409.1918, 0.3076,
0.3422

0.4038

1.0671, 0.2681,
0.4444

0.0000, 0.0000,
0.0000

75.3107, 0.3036,
0.3526

75.3107, 0.3036,
0.3526

71.6333, 0.2974,
0.3717

79.5519, 0.3100,
0.3355

68.4861, 0.2916,
0.3928

84.3696, 0.3165,
0.3204

65.8468, 0.2865,
0.4156

86.7595, 0.3137,
0.3078

63.6874, 0.2825,
0.4398

■ 61.9774, 0.2800,
0.4647

■ 60.6824, 0.2791,
0.4894

■ 59.7631, 0.2800,
0.5129

■ 59.1715, 0.2827,
0.5342

■ 58.9356, 0.2848,
0.5454

Harmonies

Analogous

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



75.3107, 0.3229, 0.3619



75.3107, 0.3036, 0.3526



75.3107, 0.2871, 0.3364

Triad

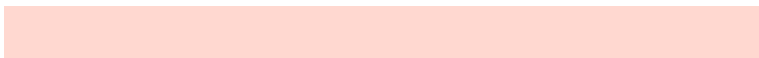
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3107, 0.3036, 0.3526



75.3107, 0.2857, 0.2972



75.3107, 0.3493, 0.3376

Complementary

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



75.3107, 0.3036, 0.3526



63.8497, 0.3231, 0.3065

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.



75.3107, 0.3387, 0.3212



75.3107, 0.3036, 0.3526



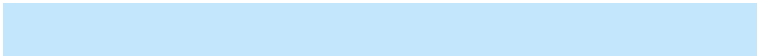
75.3107, 0.3017, 0.2984

Square

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



75.3107, 0.3036, 0.3526



75.3107, 0.2769, 0.3044



75.3107, 0.3211, 0.3070



75.3107, 0.3497, 0.3524

Rectangle

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



75.3107, 0.3036, 0.3526



75.3107, 0.2797, 0.3244



75.3107, 0.3211, 0.3070



75.3107, 0.3468, 0.3321

Sweetspot

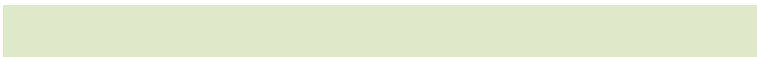
The Sweet Spot groups the original color and five complimentary colors.



75.3139, 0.3036, 0.3526



97.7063, 0.3101, 0.3353



77.8925, 0.3257, 0.3650



20.8236, 0.3096, 0.3365



0.0000, 0.0000, 0.0000



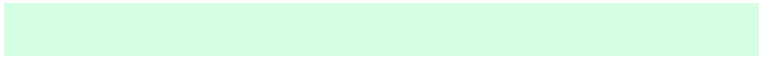
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3139, 0.3036, 0.3526



91.0369, 0.3018, 0.3580



76.1627, 0.2941, 0.3344



16.9530, 0.3066, 0.3443



33.4621, 0.2840, 0.5425



2.6455, 0.2762, 0.5145

Inverse Universe

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



63.8497, 0.3231, 0.3065



74.4150, 0.3256, 0.3017



63.0366, 0.3351, 0.3237



15.2151, 0.3194, 0.3141



11.0674, 0.4396, 0.2195



0.8874, 0.4188, 0.2081

Previews

White Background



This preview shows how the Yxy color 75.3107, 0.3036, 0.3526 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 75.3107, 0.3036, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

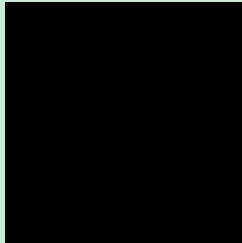
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

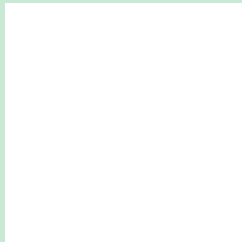
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3107, 0.3036, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 75.3107, 0.3036, 0.3526.

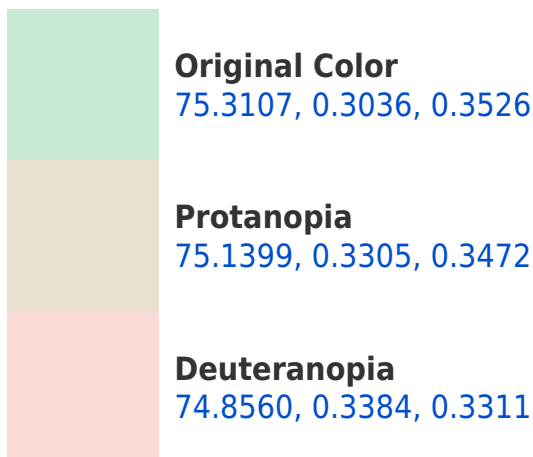


This preview shows how white text looks on a background with the Yxy color 75.3107, 0.3036, 0.3526.

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

75.2624, 0.2872, 0.3096

Trichromacy



Original Color

75.3107, 0.3036, 0.3526

Protanomaly

74.9138, 0.3202, 0.3487

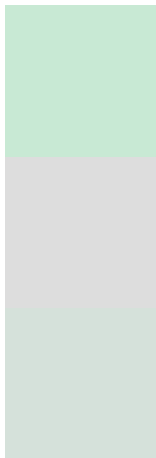
Deuteranomaly

74.7862, 0.3251, 0.3386

Tritanomaly

75.3715, 0.2930, 0.3246

Monochromacy



Original Color

75.3107, 0.3036, 0.3526

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0585, 0.3089, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3107, 0.3036, 0.3526 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(200, 233, 212)` looks like.

```
.text, #text, p{  
    color:rgb(200, 233, 212)  
}
```

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(200, 233, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 233, 212) }
```

Border

The CSS property to change the border of an element to Yxy 75.3107, 0.3036, 0.3526 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(200, 233, 212) }
```

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

```
.border{ border-color:rgb(200, 233, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 233, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 233, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 233, 212);  
box-shadow:4px 4px 4px 4px rgb(200, 233,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3107, 0.3036, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 233, 212) }
```

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

```
.background{ background-color: rgb(200,  
233, 212) }
```

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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