

Converting Colors

Yxy(84.7526, 0.3184, 0.3608)

Have a look what the booklet for
Yxy(84.7526, 0.3184, 0.3608)
contains.

Yxy(84.7526, 0.3184, 0.3608)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(84.7526, 0.3184, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	E0F3D5
RGB	224, 243, 213
RGB Percent	88%, 95%, 84%
CMY	0.1217, 0.0470, 0.1648
CMYK	0.08, 0.00, 0.12, 0.05
HSL	98°, 56%, 89%
HSV	98°, 12%, 95%
XYZ	74.7928, 84.7526, 75.3565
YIQ	233.8990, -1.6940, -13.3580

Conversions

Conversions Part 2

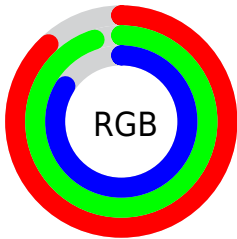
Format	Color
R_{YB}	213, 243, 232
Decimal	14742485
CIE _{Lab}	93.78, -11.56, 12.36
CIE _{LCh}	94, 16.925, 133.089
Yxy	84.7526, 0.3184, 0.3608
Android (android.graphics.Color)	4292932565 (0xFFE0F3D5)
YUV	233.8990, -10.3032, -8.6814
Hunter-Lab	92.0612, -16.0893, 15.9111

Details

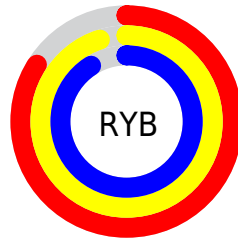
The Yxy color **84.7526, 0.3184, 0.3608** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.2136, 0.3063, 0.2978**, and the grayscale version is **82.2775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.4443, 0.3200, 0.3688** is the 20% darker color. If you saturate the color by 10%, you get **81.2619, 0.3228, 0.3893**, and if you desaturate by 10%, it is **88.6587, 0.3138, 0.3348**.

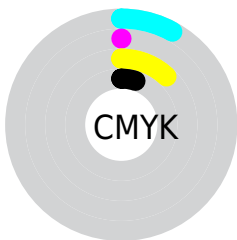
Distribution



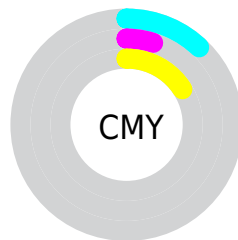
- Red (88%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)




- Cyan (12%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.7526, 0.3184, 0.3608 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 84.7526, 0.3184, 0.3608 by changing the saturation by 10% instead.

 84.7526, 0.3184,
0.3608

 84.7526, 0.3184,
0.3608


510.8091, 0.3160,
0.3462

 63.6370, 0.3189,
0.3641

140.0275, 0.3176,
0.3558

 46.3567, 0.3195,
0.3682

174.9555, 0.3173,
0.3538

 32.5274, 0.3202,
0.3733


215.2565, 0.3170,
0.3521

 21.7647, 0.3211,
0.3800

261.3148, 0.3167,
0.3506

 13.6841, 0.3222,
0.3891

313.5148, 0.3165,
0.3493

 7.9013, 0.3236,
0.4020

372.2409, 0.3163,

 4.0318, 0.3252,

0.3482

0.4218

437.8775, 0.3161,
0.3471

■ 1.6914, 0.3274,
0.4573

■ 0.4181, 0.2159,
0.7841

■ 84.7526, 0.3184,
0.3608

■ 84.7526, 0.3184,
0.3608

■ 81.2619, 0.3228,
0.3893

■ 88.6587, 0.3138,
0.3348

■ 78.1615, 0.3267,
0.4198

■ 92.5510, 0.3131,
0.3175

■ 75.4401, 0.3298,
0.4516

■ 92.5902, 0.3133,
0.3175

■ 73.0818, 0.3318,
0.4835

■ 71.0691, 0.3324,
0.5137

■ 69.3833, 0.3311,
0.5404

■ 68.0032, 0.3281,
0.5619

■ 66.9043, 0.3234,
0.5771

■ 66.2294, 0.3193,
0.5847

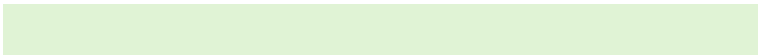
Harmonies

Analogous

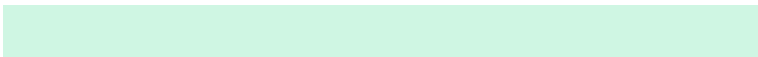
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7526, 0.3366, 0.3629



84.7526, 0.3184, 0.3608



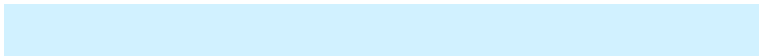
84.7526, 0.2991, 0.3494

Triad

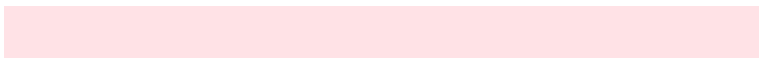
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.7526, 0.3184, 0.3608



84.7526, 0.2779, 0.3017



84.7526, 0.3423, 0.3250

Complementary

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



84.7526, 0.3184, 0.3608



71.2136, 0.3063, 0.2978

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.



84.7526, 0.3258, 0.3098



84.7526, 0.3184, 0.3608



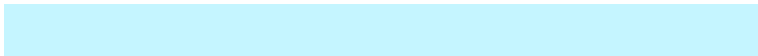
84.7526, 0.2887, 0.2965

Square

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



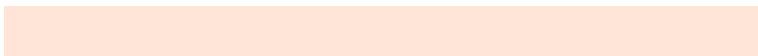
84.7526, 0.3184, 0.3608



84.7526, 0.2762, 0.3146



84.7526, 0.3061, 0.2996



84.7526, 0.3507, 0.3415

Rectangle

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



84.7526, 0.3184, 0.3608



84.7526, 0.2882, 0.3382



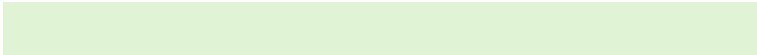
84.7526, 0.3061, 0.2996



84.7526, 0.3375, 0.3196

Sweetspot

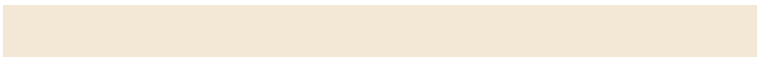
The Sweet Spot groups the original color and five complimentary colors.



84.7563, 0.3184, 0.3608



98.1541, 0.3146, 0.3389



81.5762, 0.3326, 0.3486



20.9365, 0.3149, 0.3408



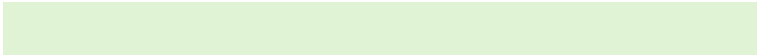
0.0000, 0.0000, 0.0000



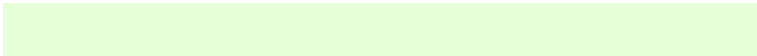
21.4041, 0.3127, 0.3290

Same Dimension

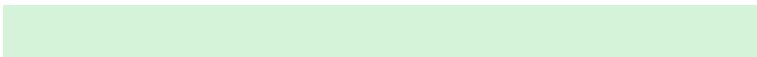
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.7563, 0.3184, 0.3608



93.4630, 0.3196, 0.3682



83.2633, 0.3088, 0.3571



18.7671, 0.3171, 0.3531



36.4137, 0.3204, 0.5838



3.2565, 0.3300, 0.5762

Inverse Universe

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



71.2136, 0.3063, 0.2978



75.4188, 0.3047, 0.2906



72.8710, 0.3169, 0.3025



16.4476, 0.3079, 0.3053



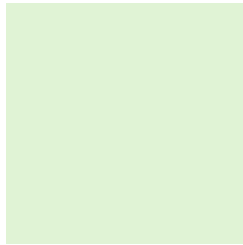
7.4065, 0.2308, 0.1045



0.7090, 0.2421, 0.1107

Previews

White Background



This preview shows how the Yxy color 84.7526, 0.3184, 0.3608 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 84.7526, 0.3184, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

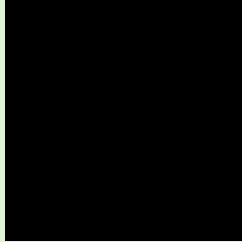
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

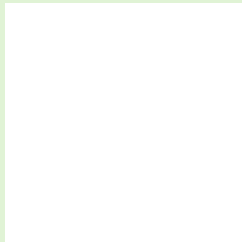
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.7526, 0.3184, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 84.7526, 0.3184, 0.3608.

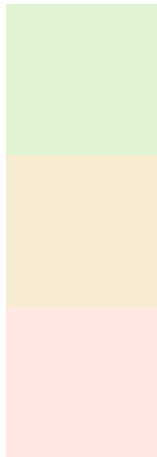


This preview shows how white text looks on a background with the Yxy color 84.7526, 0.3184, 0.3608.

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

84.7526, 0.3184, 0.3608

Protanopia

84.3685, 0.3375, 0.3565

Deuteranopia

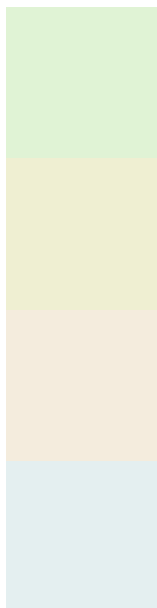
84.4095, 0.3331, 0.3360



Tritanopia

84.7773, 0.2980, 0.3108

Trichromacy



Original Color

84.7526, 0.3184, 0.3608

Protanomaly

84.7369, 0.3309, 0.3590

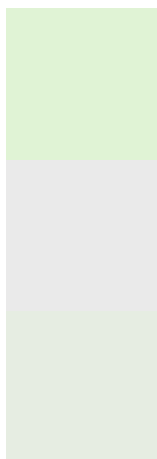
Deuteranomaly

84.4445, 0.3276, 0.3443

Tritanomaly

84.5183, 0.3049, 0.3279

Monochromacy



Original Color

84.7526, 0.3184, 0.3608

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.8824, 0.3148, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.7526, 0.3184, 0.3608 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(224, 243, 213)` looks like.

```
.text, #text, p{  
    color:rgb(224, 243, 213)  
}
```

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(224, 243, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 243, 213) }
```

Border

The CSS property to change the border of an element to Yxy 84.7526, 0.3184, 0.3608 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(224, 243, 213) }
```

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

```
.border{ border-color:rgb(224, 243, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 243, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 243, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 243, 213);  
box-shadow:4px 4px 4px 4px rgb(224, 243,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 84.7526, 0.3184, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 243, 213) }
```

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

```
.background{ background-color: rgb(224,  
243, 213) }
```

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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