

Converting Colors

Yxy(82.8378, 0.3144, 0.3496)

Have a look what the booklet for
Yxy(82.8378, 0.3144, 0.3496)
contains.

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Color

Yxy(82.7476, 0.3144, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	E0EFDC
RGB	224, 239, 220
RGB Percent	88%, 94%, 86%
CMY	0.1216, 0.0627, 0.1372
CMYK	0.06, 0.00, 0.08, 0.06
HSL	107°, 37%, 90%
HSV	107°, 8%, 94%
XYZ	74.5226, 82.7476, 79.7610
YIQ	232.3490, -2.8410, -9.0890

Conversions

Conversions Part 2

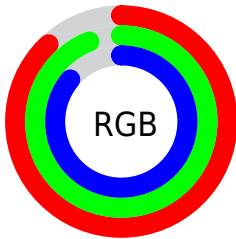
Format	Color
R _Y B	220, 239, 235
Decimal	14741468
CIE Lab	92.90, -8.36, 7.47
CIE LCh	93, 11.212, 138.193
Yxy	82.7476, 0.3144, 0.3491
Android (android.graphics.Color)	4292931548 (0xFFE0EFDC)
YUV	232.3490, -6.0881, -7.3221
Hunter-Lab	90.9657, -12.9559, 11.6890

Details

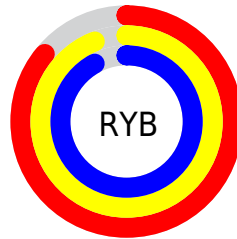
The Yxy color **82.7476, 0.3144, 0.3491** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.0931, 0.3108, 0.3094**, and the grayscale version is **81.0201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0186, 0.3150, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **78.7200, 0.3164, 0.3771**, and if you desaturate by 10%, it is **87.2991, 0.3123, 0.3241**.

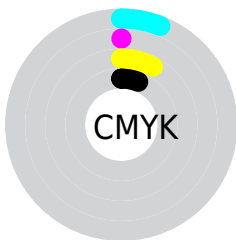
Distribution



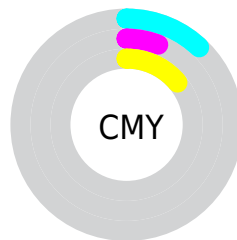
- Red (88%)
- Green (94%)
- Blue (86%)



- Red (86%)
- Yellow (94%)
- Blue (92%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (12%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.7476, 0.3144, 0.3491 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 82.7476, 0.3144, 0.3491 by changing the saturation by 10% instead.

82.7476, 0.3144,
0.3491

82.7476, 0.3144,
0.3491

504.1450, 0.3137,
0.3399

61.9820, 0.3145,
0.3512

137.2219, 0.3142,
0.3459

45.0181, 0.3147,
0.3538

171.6993, 0.3141,
0.3447

31.4717, 0.3149,
0.3570

211.5162, 0.3140,
0.3436

20.9583, 0.3151,
0.3612

257.0568, 0.3139,
0.3427

13.0935, 0.3154,
0.3669

308.7056, 0.3139,
0.3419

7.4930, 0.3158,
0.3751

366.8469, 0.3138,

3.7723, 0.3161,

0.3411

0.3877

431.8653, 0.3137,
0.3405

■ 1.5470, 0.3162,
0.4098

■ 0.3215, 0.2400,
0.7600

■ 82.7476, 0.3144,
0.3491

■ 82.7476, 0.3144,
0.3491

■ 78.7200, 0.3164,
0.3771

■ 87.2991, 0.3123,
0.3241

■ 75.1870, 0.3180,
0.4078

■ 90.2183, 0.3134,
0.3136

■ 72.1324, 0.3191,
0.4407

■ 69.5353, 0.3195,
0.4746

■ 67.3730, 0.3190,
0.5079

■ 65.6208, 0.3175,
0.5383

■ 64.2513, 0.3148,
0.5637

■ 63.2338, 0.3113,
0.5821

■ 62.5298, 0.3074,
0.5930

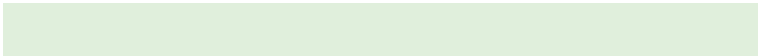
Harmonies

Analogous

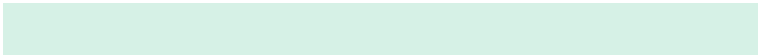
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7476, 0.3269, 0.3517



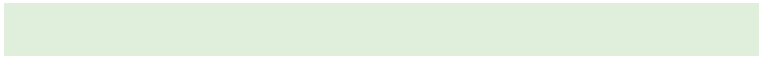
82.7476, 0.3144, 0.3491



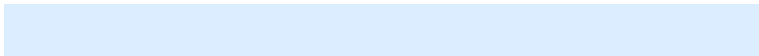
82.7476, 0.3017, 0.3407

Triad

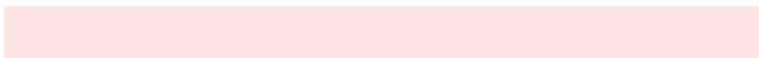
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7476, 0.3144, 0.3491



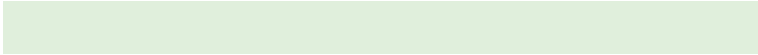
82.7476, 0.2902, 0.3098



82.7476, 0.3338, 0.3283

Complementary

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



82.7476, 0.3144, 0.3491



75.0931, 0.3108, 0.3094

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.



82.7476, 0.3236, 0.3177



82.7476, 0.3144, 0.3491



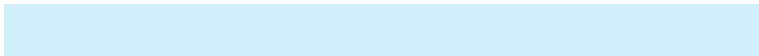
82.7476, 0.2984, 0.3071

Square

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



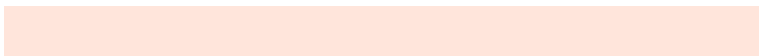
82.7476, 0.3144, 0.3491



82.7476, 0.2879, 0.3178



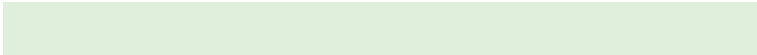
82.7476, 0.3106, 0.3100



82.7476, 0.3382, 0.3394

Rectangle

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



82.7476, 0.3144, 0.3491



82.7476, 0.2947, 0.3332



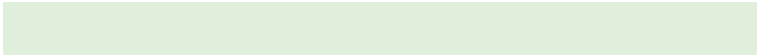
82.7476, 0.3106, 0.3100



82.7476, 0.3309, 0.3246

Sweetspot

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



82.7512, 0.3144, 0.3491



98.9189, 0.3131, 0.3339



82.8755, 0.3249, 0.3444



21.1841, 0.3131, 0.3337



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.



82.7512, 0.3144, 0.3491



94.8391, 0.3148, 0.3547



82.4135, 0.3085, 0.3434



17.8156, 0.3147, 0.3532



34.5349, 0.3074, 0.5941



2.9143, 0.3158, 0.5874

Inverse Universe

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



75.0931, 0.3108, 0.3094



83.7980, 0.3103, 0.3041



75.4638, 0.3172, 0.3150



15.8548, 0.3104, 0.3055



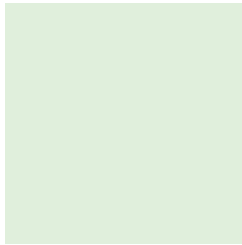
9.4812, 0.2685, 0.1253



0.8301, 0.2757, 0.1293

Previews

White Background



This preview shows how the Yxy color 82.7476, 0.3144, 0.3491 looks on a white background.

Color Contrast Check

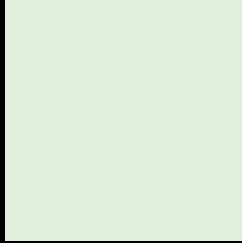
Large Text (above 18pt) WCAG AA × Fail

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 82.7476, 0.3144, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

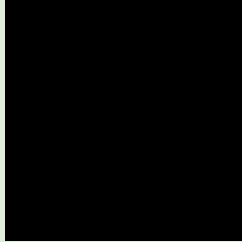
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

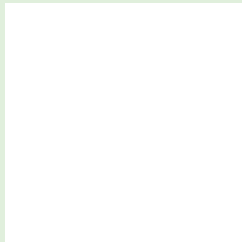
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.7476, 0.3144, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 82.7476, 0.3144, 0.3491.

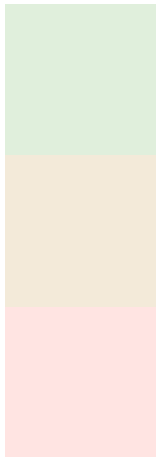


This preview shows how white text looks on a background with the Yxy color 82.7476, 0.3144, 0.3491.

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

82.7476, 0.3144, 0.3491

Protanopia

82.9101, 0.3297, 0.3465

Deuteranopia

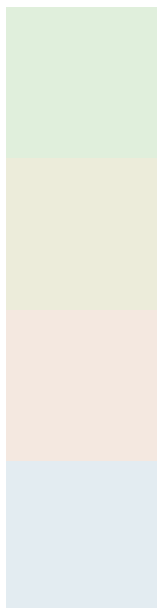
82.2378, 0.3330, 0.3311



Tritanopia

82.5955, 0.2979, 0.3096

Trichromacy



Original Color

82.7476, 0.3144, 0.3491

Protanomaly

82.8857, 0.3240, 0.3477

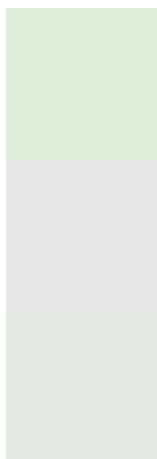
Deuteranomaly

82.3281, 0.3261, 0.3372

Tritanomaly

82.6727, 0.3037, 0.3238

Monochromacy



Original Color

82.7476, 0.3144, 0.3491

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.6761, 0.3130, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.7476, 0.3144, 0.3491 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, 239, 220)` looks like.

```
.text, #text, p{  
    color:rgb(224, 239, 220)  
}
```

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, 239, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 239, 220) }
```

Border

The CSS property to change the border of an element to Yxy 82.7476, 0.3144, 0.3491 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, 239, 220) }
```

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

```
.border{ border-color:rgb(224, 239, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 239, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 239,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 82.7476, 0.3144, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 239, 220) }
```

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

```
.background{ background-color: rgb(224,  
239, 220) }
```

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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