

Converting Colors

$Y_{xy}(84.1275, 0.3322, 0.3435)$

Have a look what the booklet for
Yxy(84.1275, 0.3322, 0.3435)
contains.

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Color

Yxy(84.1527, 0.3320, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	F9EADC
RGB	249, 234, 220
RGB Percent	98%, 92%, 86%
CMY	0.0235, 0.0823, 0.1374
CMYK	0.00, 0.06, 0.12, 0.02
HSL	29°, 71%, 92%
HSV	29°, 12%, 98%
XYZ	81.4065, 84.1527, 79.6410
YIQ	236.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

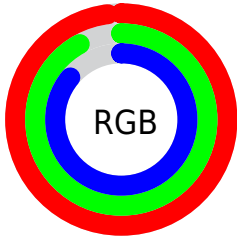
Format	Color
R _Y B	249, 247, 220
Decimal	16378588
CIE Lab	93.52, 2.78, 8.62
CIE LCh	94, 9.059, 72.124
Yxy	84.1527, 0.3320, 0.3432
Android (android.graphics.Color)	4294568668 (0xFFF9EADC)
YUV	236.8890, -8.3263, 10.6213
Hunter-Lab	91.7348, -2.1330, 12.7408

Details

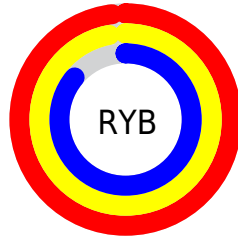
The Yxy color **84.1527, 0.3320, 0.3432** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.4513, 0.2945, 0.3144**, and the grayscale version is **84.6574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.7639, 0.3360, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **75.8728, 0.3512, 0.3561**, and if you desaturate by 10%, it is **93.1684, 0.3153, 0.3310**.

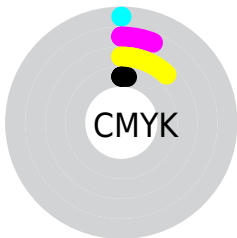
Distribution



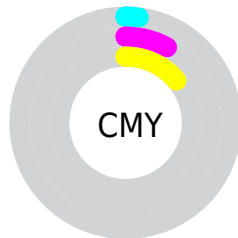
- Red (98%)
- Green (92%)
- Blue (86%)



- Red (98%)
- Yellow (97%)
- Blue (86%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.1527, 0.3320, 0.3432 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 84.1527, 0.3320, 0.3432 by changing the saturation by 10% instead.


 84.1527, 0.3320,
0.3432

 84.1527, 0.3320,
0.3432


508.8202, 0.3233,
0.3368

 63.1415, 0.3339,
0.3446


139.1888, 0.3290,
0.3410

 45.9557, 0.3363,
0.3463


173.9824, 0.3278,
0.3402

 32.2109, 0.3393,
0.3485


214.1390, 0.3268,
0.3394

 21.5226, 0.3432,
0.3512

260.0430, 0.3259,
0.3388

 13.5065, 0.3483,
0.3548

312.0787, 0.3252,
0.3382

 7.7783, 0.3555,
0.3598

370.6305, 0.3245,

 3.9534, 0.3664,

0.3377

436.0829, 0.3238,
0.3373

0.3672

■ 1.6475, 0.3844,
0.3791

■ 0.3893, 0.5294,
0.4706

■ 84.1527, 0.3320,
0.3432

■ 84.1527, 0.3320,
0.3432

■ 75.8728, 0.3512,
0.3561

■ 93.1684, 0.3153,
0.3310

■ 68.2977, 0.3729,
0.3693

■ 98.8811, 0.3090,
0.3290

■ 61.4102, 0.3973,
0.3824

■ 55.1882, 0.4240,
0.3944

■ 49.6082, 0.4522,
0.4044

■ 44.6447, 0.4808,
0.4110

■ 40.2700, 0.5079,
0.4130

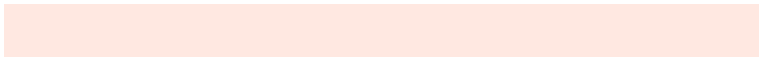
■ 36.4526, 0.5317,
0.4095

■ 33.6628, 0.5484,
0.4028

Harmonies

Analogous

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



84.1527, 0.3329, 0.3357



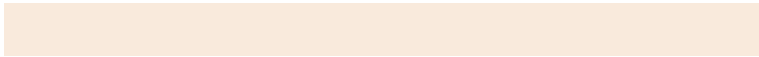
84.1527, 0.3320, 0.3432



84.1527, 0.3259, 0.3470

Triad

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



84.1527, 0.3320, 0.3432



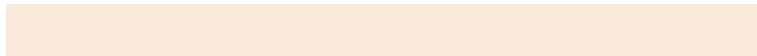
84.1527, 0.2973, 0.3311



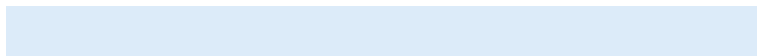
84.1527, 0.3089, 0.3128

Complementary

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



84.1527, 0.3320, 0.3432



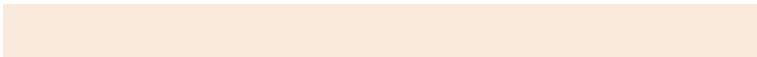
81.4513, 0.2945, 0.3144

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.



84.1527, 0.2996, 0.3114



84.1527, 0.3320, 0.3432



84.1527, 0.2930, 0.3218

Square

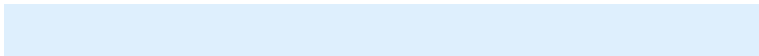
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.1527, 0.3320, 0.3432



84.1527, 0.3058, 0.3400



84.1527, 0.2938, 0.3146



84.1527, 0.3195, 0.3184

Rectangle

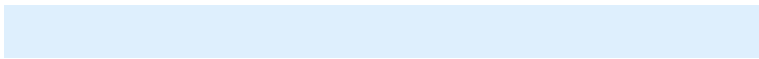
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.1527, 0.3320, 0.3432



84.1527, 0.3197, 0.3468



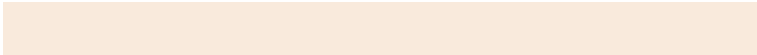
84.1527, 0.2938, 0.3146



84.1527, 0.3056, 0.3118

Sweetspot

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



84.1564, 0.3320, 0.3432



97.0214, 0.3174, 0.3326



77.3087, 0.3234, 0.3139



20.5987, 0.3187, 0.3335



0.0000, 0.0000, 0.0000



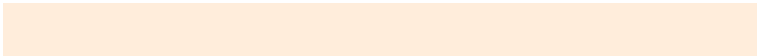
21.4041, 0.3127, 0.3290

Same Dimension

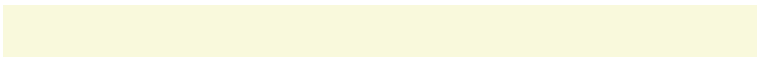
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1564, 0.3320, 0.3432



86.7025, 0.3363, 0.3462



92.7641, 0.3302, 0.3574



18.6100, 0.3282, 0.3405



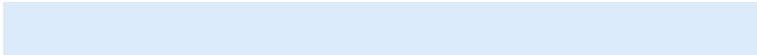
18.2997, 0.5458, 0.4048



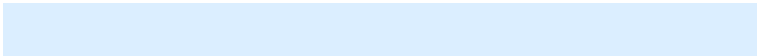
1.9061, 0.5267, 0.4200

Inverse Universe

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



81.4513, 0.2945, 0.3144



83.3261, 0.2908, 0.3112



73.4764, 0.2942, 0.2989



18.1263, 0.2980, 0.3172



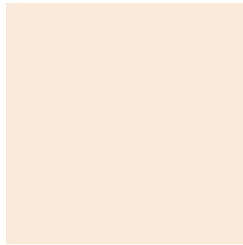
12.3002, 0.1787, 0.1631



1.3516, 0.1845, 0.1842

Previews

White Background



This preview shows how the Yxy color 84.1527, 0.3320, 0.3432 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 84.1527, 0.3320, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

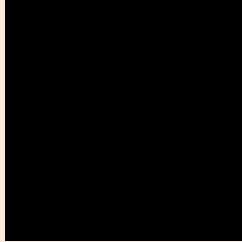
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.1527, 0.3320, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 84.1527, 0.3320, 0.3432.

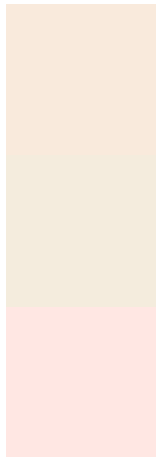


This preview shows how white text looks on a background with the Yxy color 84.1527, 0.3320, 0.3432.

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

84.1527, 0.3320, 0.3432

Protanopia

84.4445, 0.3276, 0.3443

Deuteranopia

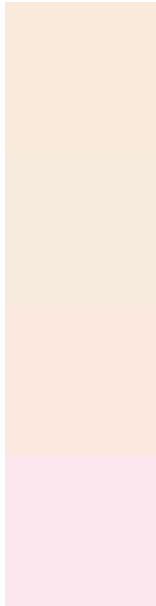
83.9579, 0.3319, 0.3330



Tritanopia

84.2536, 0.3169, 0.3114

Trichromacy



Original Color

84.1527, 0.3320, 0.3432

Protanomaly

84.2299, 0.3291, 0.3432

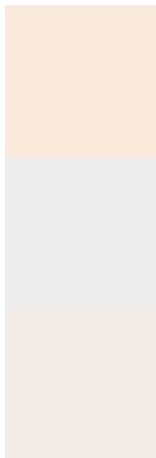
Deuteranomaly

83.9777, 0.3324, 0.3370

Tritanomaly

84.0203, 0.3226, 0.3221

Monochromacy



Original Color

84.1527, 0.3320, 0.3432

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.4612, 0.3192, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.1527, 0.3320, 0.3432 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(249, 234, 220)` looks like.

```
.text, #text, p{  
    color:rgb(249, 234, 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(249, 234, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 220) }
```

Border

The CSS property to change the border of an element to Yxy 84.1527, 0.3320, 0.3432 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(249, 234, 220) }
```

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

```
.border{ border-color:rgb(249, 234, 220) }
```

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

Here you see how a box with a 4 pixel rgb(249, 234, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 234, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 234, 220);  
box-shadow:4px 4px 4px 4px rgb(249, 234,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 84.1527, 0.3320, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 234, 220) }
```

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

```
.background{ background-color: rgb(249,  
234, 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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