

Converting Colors

$Y_{xy}(95.1243, 0.3344, 0.3656)$

Have a look what the booklet for
Yxy(95.1243, 0.3344, 0.3656)
contains.

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Color

Yxy(95.0363, 0.3341, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	FBFCD7
RGB	251, 252, 215
RGB Percent	98%, 99%, 84%
CMY	0.0159, 0.0117, 0.1568
CMYK	0.00, 0.00, 0.15, 0.01
HSL	62°, 86%, 92%
HSV	62°, 15%, 99%
XYZ	86.8480, 95.0363, 78.0618
YIQ	247.4830, 11.2810, -11.7190

Conversions

Conversions Part 2

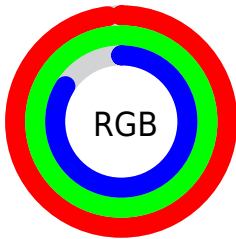
Format	Color
R_{YB}	215, 252, 216
Decimal	16514263
CIE Lab	98.05, -6.40, 17.63
CIE LCh	98, 18.758, 109.942
Yxy	95.0363, 0.3341, 0.3656
Android (android.graphics.Color)	4294704343 (0xFFFFB7CD)
YUV	247.4830, -16.0141, 3.0844
Hunter-Lab	97.4866, -11.5809, 20.7645

Details

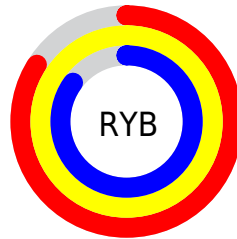
The Yxy color 95.0363, 0.3341, 0.3656 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 70.2460, 0.2896, 0.2898, and the grayscale version is 93.5497, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.0376, 0.3385, 0.3732 is the 20% darker color. If you saturate the color by 10%, you get 93.7085, 0.3489, 0.3911, and if you desaturate by 10%, it is 96.5726, 0.3194, 0.3405.

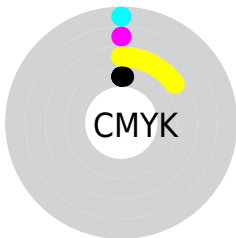
Distribution



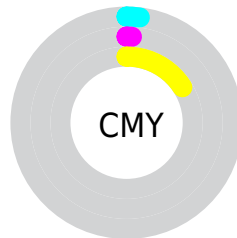
- Red (98%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (2%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0363, 0.3341, 0.3656 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 95.0363, 0.3341, 0.3656 by changing the saturation by 10% instead.

 95.0363, 0.3341,
0.3656

 95.0363, 0.3341,
0.3656

544.2812, 0.3248,
0.3493

 72.1652, 0.3361,
0.3692


154.3148, 0.3310,
0.3601

 53.2936, 0.3385,
0.3736


191.4909, 0.3297,
0.3579

 38.0372, 0.3414,
0.3790


234.2041, 0.3286,
0.3560

 26.0116, 0.3451,
0.3859

282.8389, 0.3277,
0.3543

 16.8323, 0.3499,
0.3949

337.7796, 0.3268,
0.3528

 10.1150, 0.3562,
0.4074


399.4106, 0.3261,


 5.4753, 0.3649,


0.3515


0.4254


468.1164, 0.3254,
0.3503


 2.5287, 0.3772,
0.4537


 0.8910, 0.4367,
0.5633


 95.0363, 0.3341,
0.3656


 95.0363, 0.3341,
0.3656


 93.7085, 0.3489,
0.3911


 96.5726, 0.3194,
0.3405


 92.5675, 0.3634,
0.4162

 97.6242, 0.3112,
0.3261

 91.6076, 0.3770,
0.4399

 97.7603, 0.3117,
0.3262

 90.8183, 0.3890,
0.4613

 97.8968, 0.3121,
0.3262

90.1876, 0.3990,
0.4793

98.0339, 0.3126,
0.3262

89.7023, 0.4066,
0.4932

98.1130, 0.3128,
0.3262

89.3468, 0.4114,
0.5026

89.1022, 0.4137,
0.5078

89.0028, 0.4142,
0.5093

Harmonies

Analogous

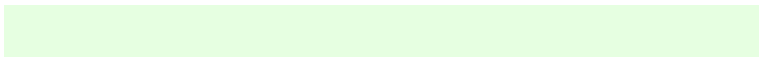
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0363, 0.3488, 0.3598



95.0363, 0.3341, 0.3656



95.0363, 0.3139, 0.3610

Triad

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



95.0363, 0.3341, 0.3656



95.0363, 0.2733, 0.3099



95.0363, 0.3312, 0.3119

Complementary

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



95.0363, 0.3341, 0.3656



70.2460, 0.2896, 0.2898

Split Complementary

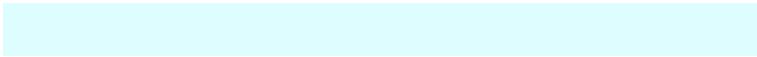
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.0363, 0.3104, 0.2996



95.0363, 0.3341, 0.3656



95.0363, 0.2775, 0.2979

Square

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



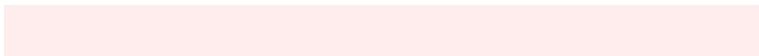
95.0363, 0.3341, 0.3656



95.0363, 0.2792, 0.3278



95.0363, 0.2909, 0.2944



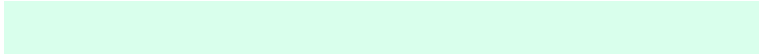
95.0363, 0.3472, 0.3287

Rectangle

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



95.0363, 0.3341, 0.3656



95.0363, 0.3002, 0.3524



95.0363, 0.2909, 0.2944



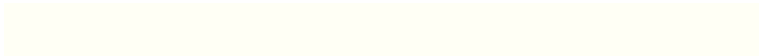
95.0363, 0.3245, 0.3072

Sweetspot

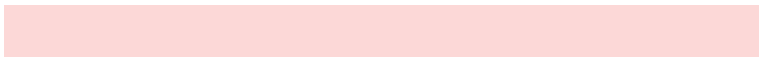
The Sweet Spot groups the original color and five complimentary colors.



95.0405, 0.3341, 0.3656



99.3047, 0.3184, 0.3388



74.5266, 0.3401, 0.3297



21.2281, 0.3195, 0.3406



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

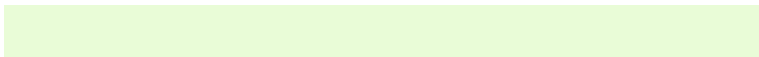
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0405, 0.3341, 0.3656



97.1386, 0.3390, 0.3741



91.8463, 0.3223, 0.3670



20.1638, 0.3264, 0.3525



46.3662, 0.4143, 0.5092



4.3021, 0.4150, 0.5087

Inverse Universe

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



70.2460, 0.2896, 0.2898



66.6336, 0.2838, 0.2798



73.1502, 0.3019, 0.2912



16.6668, 0.2983, 0.3045



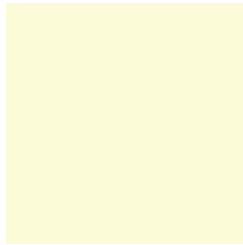
3.6962, 0.1509, 0.0605



0.3505, 0.1530, 0.0616

Previews

White Background



This preview shows how the Yxy color 95.0363, 0.3341, 0.3656 looks on a white background.

Color Contrast Check

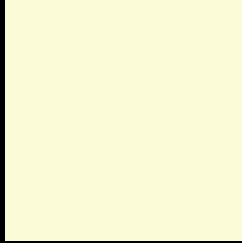
Large Text (above 18pt) WCAG AA × Fail

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 95.0363, 0.3341, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

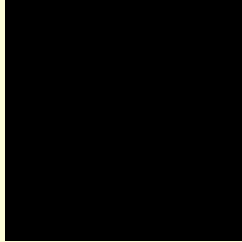
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.0363, 0.3341, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 95.0363, 0.3341, 0.3656.

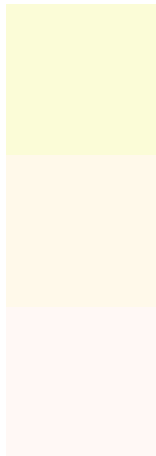


This preview shows how white text looks on a background with the Yxy color 95.0363, 0.3341, 0.3656.

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

95.0363, 0.3341, 0.3656

Protanopia

94.9519, 0.3256, 0.3436

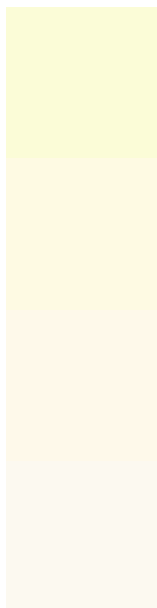
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

95.2374, 0.3118, 0.3223

Trichromacy



Original Color

95.0363, 0.3341, 0.3656

Protanomaly

94.9881, 0.3291, 0.3515

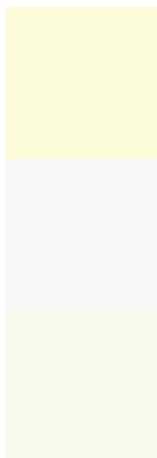
Deuteranomaly

94.7627, 0.3249, 0.3436

Tritanomaly

94.7381, 0.3200, 0.3378

Monochromacy



Original Color

95.0363, 0.3341, 0.3656

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.7060, 0.3204, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0363, 0.3341, 0.3656 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(251, 252, 215)` looks like.

```
.text, #text, p{  
    color:rgb(251, 252, 215)  
}
```

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(251, 252, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 252, 215) }
```

Border

The CSS property to change the border of an element to Yxy 95.0363, 0.3341, 0.3656 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(251, 252, 215) }
```

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

```
.border{ border-color:rgb(251, 252, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 252, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 252, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 252, 215);  
box-shadow:4px 4px 4px 4px rgb(251, 252,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0363, 0.3341, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 252, 215) }
```

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

```
.background{ background-color: rgb(251,  
252, 215) }
```

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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