

Converting Colors

$Y_{xy}(100.0000, 0.3517, 0.3602)$

Have a look what the booklet for
Yxy(100.0000, 0.3517, 0.3602)
contains.

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Color

Yxy(95.2641, 0.3357, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBD9
RGB	255, 251, 217
RGB Percent	100%, 98%, 85%
CMY	0.0000, 0.0157, 0.1489
CMYK	0.00, 0.02, 0.15, 0.00
HSL	54°, 100%, 93%
HSV	54°, 15%, 100%
XYZ	88.2698, 95.2641, 79.4087
YIQ	248.3200, 13.2980, -9.7260

Conversions

Conversions Part 2

Format	Color
R_{YB}	221, 255, 217
Decimal	16776153
CIE Lab	98.14, -4.16, 16.77
CIE LCh	98, 17.274, 103.925
Yxy	95.2641, 0.3357, 0.3623
Android (android.graphics.Color)	4294966233 (0xFFFFFBD9)
YUV	248.3200, -15.4408, 5.8584
Hunter-Lab	97.6033, -9.3752, 20.0848

Details

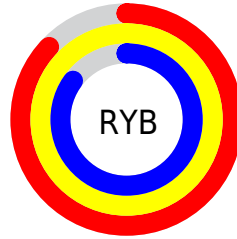
The Yxy color **95.2641, 0.3357, 0.3623** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.7143, 0.2887, 0.2934**, and the grayscale version is **94.2678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.6446, 0.3404, 0.3702** is the 20% darker color. If you saturate the color by 10%, you get **92.3712, 0.3519, 0.3853**, and if you desaturate by 10%, it is **98.3884, 0.3200, 0.3397**.

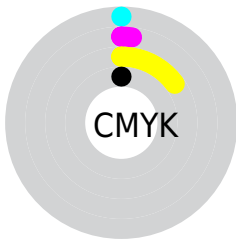
Distribution



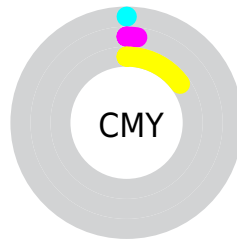
- Red (100%)
- Green (98%)
- Blue (85%)



- Red (87%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.2641, 0.3357, 0.3623 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 95.2641, 0.3357, 0.3623 by changing the saturation by 10% instead.


 95.2641, 0.3357,
0.3623

 95.2641, 0.3357,
0.3623


545.0101, 0.3256,
0.3475

 72.3548, 0.3379,
0.3655

154.6294, 0.3323,
0.3573

 53.4486, 0.3405,
0.3695


191.8542, 0.3310,
0.3553

 38.1610, 0.3437,
0.3743


234.6197, 0.3298,
0.3536

 26.1077, 0.3477,
0.3805

283.3101, 0.3288,
0.3521

 16.9042, 0.3530,
0.3886

338.3100, 0.3279,
0.3507

 10.1662, 0.3600,
0.3997

400.0037, 0.3270,

 5.5093, 0.3698,

0.3495

0.4157

468.7756, 0.3263,
0.3485

■ 2.5491, 0.3841,
0.4404

■ 0.9011, 0.4559,
0.5441

■ 95.2641, 0.3357,
0.3623

■ 95.2641, 0.3357,
0.3623

■ 92.3712, 0.3519,
0.3853

■ 98.3884, 0.3200,
0.3397

■ 89.6964, 0.3684,
0.4081

100.0000, 0.3127,
0.3290

■ 87.2309, 0.3844,
0.4297

■ 84.9635, 0.3995,
0.4491

■ 82.8818, 0.4128,
0.4654

■ 80.9721, 0.4238,
0.4777

■ 79.2183, 0.4321,
0.4855

■ 77.6005, 0.4375,
0.4888

■ 76.8113, 0.4395,
0.4892

Harmonies

Analogous

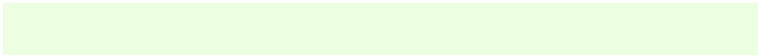
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2641, 0.3477, 0.3553



95.2641, 0.3357, 0.3623



95.2641, 0.3178, 0.3600

Triad

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



95.2641, 0.3357, 0.3623



95.2641, 0.2768, 0.3144



95.2641, 0.3261, 0.3105

Complementary

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



95.2641, 0.3357, 0.3623



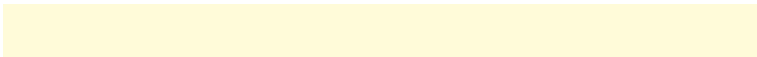
73.7143, 0.2887, 0.2934

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.



95.2641, 0.3068, 0.3003



95.2641, 0.3357, 0.3623



95.2641, 0.2788, 0.3020

Square

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



95.2641, 0.3357, 0.3623



95.2641, 0.2840, 0.3316



95.2641, 0.2896, 0.2971



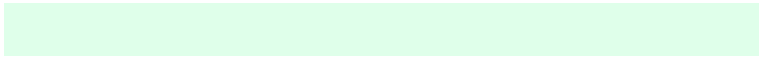
95.2641, 0.3421, 0.3255

Rectangle

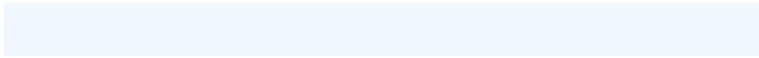
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.2641, 0.3357, 0.3623



95.2641, 0.3050, 0.3532



95.2641, 0.2896, 0.2971



95.2641, 0.3197, 0.3065

Sweetspot

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



95.2653, 0.3357, 0.3623



98.6762, 0.3187, 0.3378



76.1531, 0.3375, 0.3246



21.0684, 0.3198, 0.3394



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

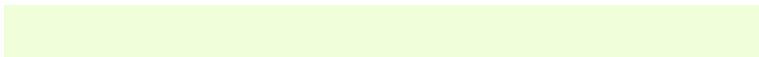
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2653, 0.3357, 0.3623



94.3398, 0.3407, 0.3695



95.1360, 0.3257, 0.3672



20.7442, 0.3272, 0.3501



40.2678, 0.4392, 0.4895



4.0108, 0.4366, 0.4915

Inverse Universe

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



73.7143, 0.2887, 0.2934



68.8521, 0.2832, 0.2850



73.9553, 0.2983, 0.2902



17.6858, 0.2979, 0.3070



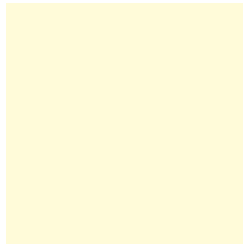
4.2787, 0.1520, 0.0672



0.5132, 0.1557, 0.0806

Previews

White Background



This preview shows how the Yxy color 95.2641, 0.3357, 0.3623 looks on a white background.

Color Contrast Check

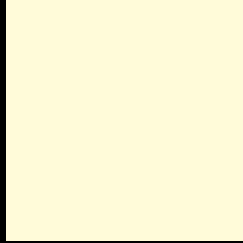
Large Text (above 18pt) WCAG AA × Fail

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 95.2641, 0.3357, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

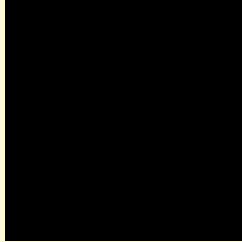
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.2641, 0.3357, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 95.2641, 0.3357, 0.3623.

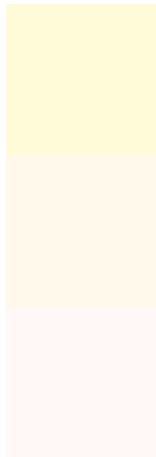


This preview shows how white text looks on a background with the Yxy color 95.2641, 0.3357, 0.3623.

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

95.2641, 0.3357, 0.3623

Protanopia

95.0675, 0.3243, 0.3416

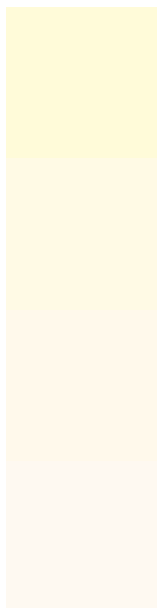
Deuteranopia

95.0486, 0.3184, 0.3309

Tritanopia

95.4256, 0.3124, 0.3223

Trichromacy



Original Color

95.2641, 0.3357, 0.3623

Protanomaly

95.2884, 0.3285, 0.3495

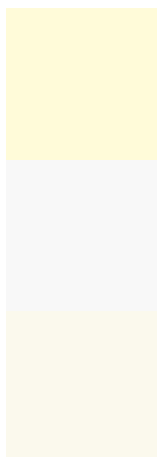
Deuteranomaly

95.0095, 0.3250, 0.3426

Tritanomaly

95.1731, 0.3207, 0.3368

Monochromacy



Original Color

95.2641, 0.3357, 0.3623

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.3750, 0.3211, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2641, 0.3357, 0.3623 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(255, 251, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 217)  
}
```

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(255, 251, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 217) }
```

Border

The CSS property to change the border of an element to Yxy 95.2641, 0.3357, 0.3623 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(255, 251, 217) }
```

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

```
.border{ border-color:rgb(255, 251, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2641, 0.3357, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 217) }
```

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

```
.background{ background-color: rgb(255,  
251, 217) }
```

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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