

Converting Colors

$Y_{xy}(100.0000, 0.3362, 0.3434)$

Have a look what the booklet for
Yxy(100.0000, 0.3362, 0.3434)
contains.

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Color

Yxy(96.3105, 0.3242, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBECE
RGB	255, 251, 236
RGB Percent	100%, 98%, 93%
CMY	0.0000, 0.0158, 0.0744
CMYK	0.00, 0.02, 0.07, 0.00
HSL	47°, 100%, 96%
HSV	47°, 7%, 100%
XYZ	90.8992, 96.3105, 93.1702
YIQ	250.4860, 7.1990, -3.8170

Conversions

Conversions Part 2

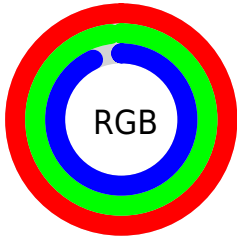
Format	Color
R _Y B	241, 255, 236
Decimal	16776172
CIE Lab	98.56, -1.16, 7.63
CIE LCh	99, 7.721, 98.606
Yxy	96.3105, 0.3242, 0.3435
Android (android.graphics.Color)	4294966252 (0xFFFFFBEC)
YUV	250.4860, -7.1416, 3.9588
Hunter-Lab	98.1379, -6.4077, 12.4078

Details

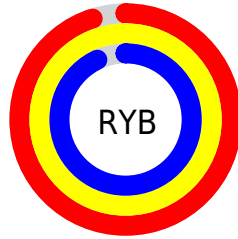
The Yxy color 96.3105, 0.3242, 0.3435 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.3990, 0.3012, 0.3141, and the grayscale version is 96.0691, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.3313, 0.3265, 0.3475 is the 20% darker color. If you saturate the color by 10%, you get 91.5987, 0.3406, 0.3637, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

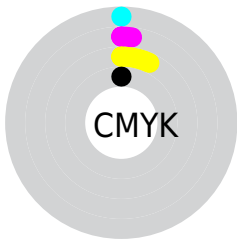
Distribution



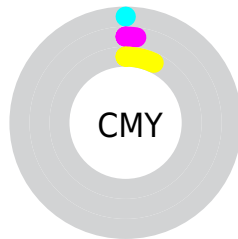
- Red (100%)
- Green (98%)
- Blue (93%)



- Red (95%)
- Yellow (100%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.3105, 0.3242, 0.3435 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 96.3105, 0.3242, 0.3435 by changing the saturation by 10% instead.


 96.3105, 0.3242,
0.3435

 96.3105, 0.3242,
0.3435

548.3519, 0.3192,
0.3371

 73.2262, 0.3253,
0.3449

156.0739, 0.3225,
0.3413

 54.1609, 0.3266,
0.3466


193.5217, 0.3218,
0.3405

 38.7303, 0.3283,
0.3487


236.5262, 0.3212,
0.3397

 26.5500, 0.3303,
0.3513

285.4717, 0.3207,
0.3391

 17.2356, 0.3330,
0.3548

340.7426, 0.3203,
0.3385

 10.4026, 0.3367,
0.3596

402.7234, 0.3199,

 5.6667, 0.3421,

0.3380

0.3665

471.7984, 0.3195,
0.3375

■ 2.6435, 0.3504,
0.3773

■ 0.9486, 0.3763,
0.4091

■ 96.3105, 0.3242,
0.3435

■ 96.3105, 0.3242,
0.3435

■ 91.5987, 0.3406,
0.3637

100.0000, 0.3127,
0.3290

■ 87.1946, 0.3580,
0.3843

■ 83.0781, 0.3760,
0.4047

■ 79.2382, 0.3942,
0.4240

■ 75.6628, 0.4118,
0.4412

■ 72.3385, 0.4280,
0.4552

■ 69.2502, 0.4421,
0.4650

■ 66.3803, 0.4533,
0.4701

■ 63.7061, 0.4616,
0.4705

Harmonies

Analogous

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



96.3105, 0.3287, 0.3400



96.3105, 0.3242, 0.3435



96.3105, 0.3166, 0.3431

Triad

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



96.3105, 0.3242, 0.3435



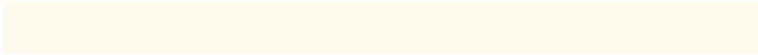
96.3105, 0.2968, 0.3240



96.3105, 0.3173, 0.3196

Complementary

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



96.3105, 0.3242, 0.3435



87.3990, 0.3012, 0.3141

Split Complementary

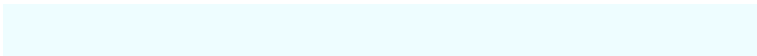
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.3105, 0.3087, 0.3154



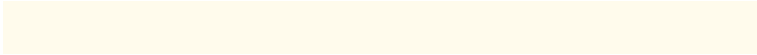
96.3105, 0.3242, 0.3435



96.3105, 0.2969, 0.3178

Square

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



96.3105, 0.3242, 0.3435



96.3105, 0.3008, 0.3317



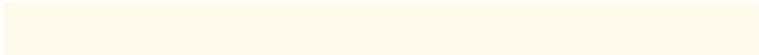
96.3105, 0.3013, 0.3147



96.3105, 0.3247, 0.3263

Rectangle

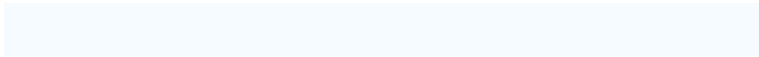
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.3105, 0.3242, 0.3435



96.3105, 0.3109, 0.3405



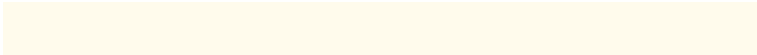
96.3105, 0.3013, 0.3147



96.3105, 0.3144, 0.3179

Sweetspot

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



96.3010, 0.3242, 0.3435



98.9890, 0.3157, 0.3328



87.5621, 0.3229, 0.3250



21.1984, 0.3156, 0.3327



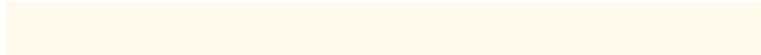
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



96.3010, 0.3242, 0.3435



95.5487, 0.3266, 0.3466



97.8317, 0.3204, 0.3475



20.3995, 0.3274, 0.3476



33.1678, 0.4626, 0.4709



3.3848, 0.4566, 0.4756

Inverse Universe

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



87.3990, 0.3012, 0.3141



84.8991, 0.2987, 0.3108



85.9939, 0.3047, 0.3102



18.0007, 0.2979, 0.3097



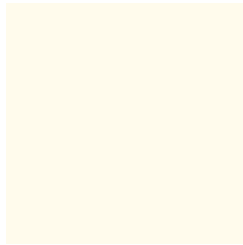
5.3228, 0.1559, 0.0813



0.6680, 0.1614, 0.1009

Previews

White Background



This preview shows how the Yxy color 96.3105, 0.3242, 0.3435 looks on a white background.

Color Contrast Check

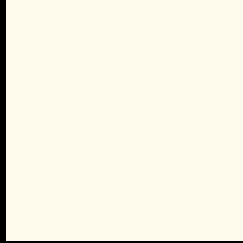
Large Text (above 18pt) WCAG AA × Fail

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 96.3105, 0.3242, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

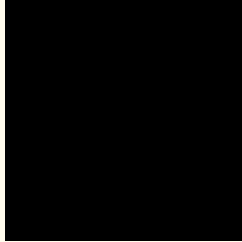
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.3105, 0.3242, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 96.3105, 0.3242, 0.3435.

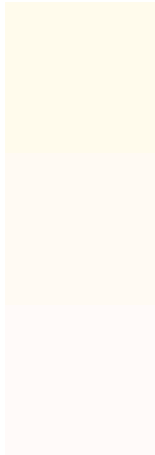


This preview shows how white text looks on a background with the Yxy color 96.3105, 0.3242, 0.3435.

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

96.3105, 0.3242, 0.3435

Protanopia

96.1023, 0.3200, 0.3358

Deuteranopia

96.4708, 0.3165, 0.3300

Tritanopia

96.4739, 0.3117, 0.3242

Trichromacy



Original Color

96.3105, 0.3242, 0.3435

Protanomaly

95.9225, 0.3218, 0.3387

Deuteranomaly

96.1629, 0.3194, 0.3348

Tritanomaly

96.2194, 0.3164, 0.3309

Monochromacy



Original Color

96.3105, 0.3242, 0.3435

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.6592, 0.3169, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.3105, 0.3242, 0.3435 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 $rgb(255, 251, 236)$ looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 236) }
```

Border

The CSS property to change the border of an element to Yxy 96.3105, 0.3242, 0.3435 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, 236) }
```

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

```
.border{ border-color:rgb(255, 251, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 96.3105, 0.3242, 0.3435 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, 236) }
```

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

```
.background{ background-color: rgb(255,  
251, 236) }
```

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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