

Converting Colors

$Y_{xy}(120.7677, 0.3908, 0.3413)$

Have a look what the booklet for
Yxy(120.7677, 0.3908, 0.3413)
contains.

Yxy(96.2525, 0.3248, 0.3445)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(96.2525, 0.3248, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBEB
RGB	255, 251, 235
RGB Percent	100%, 98%, 92%
CMY	0.0000, 0.0157, 0.0784
CMYK	0.00, 0.02, 0.08, 0.00
HSL	48°, 100%, 96%
HSV	48°, 8%, 100%
XYZ	90.7484, 96.2525, 92.3968
YIQ	250.3720, 7.5200, -4.1280

Conversions

Conversions Part 2

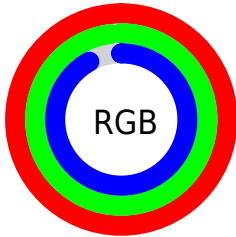
Format	Color
R_{YB}	240, 255, 235
Decimal	16776171
CIE Lab	98.53, -1.33, 8.12
CIE LCh	99, 8.229, 99.293
Yxy	96.2525, 0.3248, 0.3445
Android (android.graphics.Color)	4294966251 (0xFFFFFBEB)
YUV	250.3720, -7.5784, 4.0588
Hunter-Lab	98.1084, -6.5805, 12.8375

Details

The Yxy color 96.2525, 0.3248, 0.3445 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.6270, 0.3006, 0.3130, and the grayscale version is 95.9750, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.2907, 0.3272, 0.3487 is the 20% darker color. If you saturate the color by 10%, you get 91.7227, 0.3412, 0.3650, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

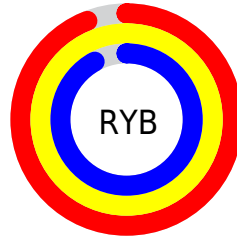
Distribution



Red (100%)

Green (98%)

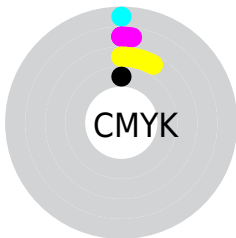
Blue (92%)



Red (94%)

Yellow (100%)

Blue (92%)

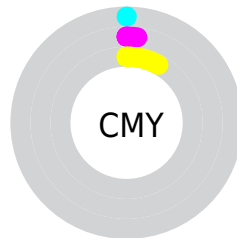


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.2525, 0.3248, 0.3445 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 96.2525, 0.3248, 0.3445 by changing the saturation by 10% instead.


 96.2525, 0.3248,
0.3445

 96.2525, 0.3248,
0.3445

548.1670, 0.3195,
0.3377

 73.1779, 0.3260,
0.3460


155.9938, 0.3230,
0.3422

 54.1214, 0.3273,
0.3478


193.4294, 0.3223,
0.3413

 38.6987, 0.3291,
0.3500


236.4206, 0.3217,
0.3405

 26.5254, 0.3312,
0.3529

285.3520, 0.3211,
0.3398

 17.2171, 0.3341,
0.3566

340.6080, 0.3207,
0.3392

 10.3894, 0.3380,
0.3617

402.5729, 0.3202,

 5.6579, 0.3436,

0.3386

0.3691

471.6311, 0.3198,
0.3381

■ 2.6382, 0.3523,
0.3807

■ 0.9459, 0.3809,
0.4163

■ 96.2525, 0.3248,
0.3445

■ 96.2525, 0.3248,
0.3445

■ 91.7227, 0.3412,
0.3650

100.0000, 0.3127,
0.3290

■ 87.4875, 0.3585,
0.3859

■ 83.5302, 0.3764,
0.4065

■ 79.8396, 0.3943,
0.4259

■ 76.4037, 0.4115,
0.4431

■ 73.2092, 0.4273,
0.4571

■ 70.2411, 0.4408,
0.4670

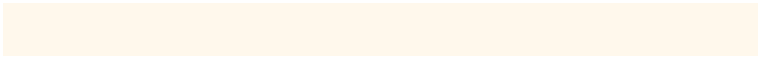
■ 67.4817, 0.4515,
0.4721

■ 64.9078, 0.4593,
0.4725

Harmonies

Analogous

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



96.2525, 0.3297, 0.3409



96.2525, 0.3248, 0.3445



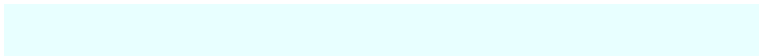
96.2525, 0.3167, 0.3439

Triad

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



96.2525, 0.3248, 0.3445



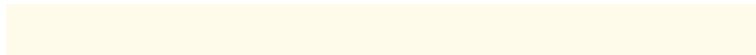
96.2525, 0.2957, 0.3235



96.2525, 0.3178, 0.3192

Complementary

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



96.2525, 0.3248, 0.3445



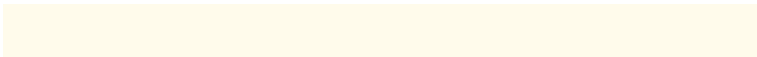
86.6270, 0.3006, 0.3130

Split Complementary

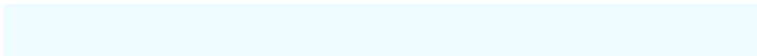
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.2525, 0.3086, 0.3146



96.2525, 0.3248, 0.3445



96.2525, 0.2960, 0.3170

Square

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



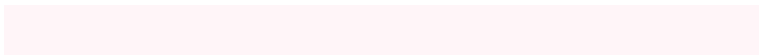
96.2525, 0.3248, 0.3445



96.2525, 0.2999, 0.3316



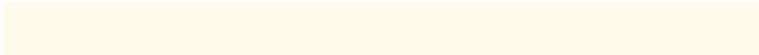
96.2525, 0.3007, 0.3138



96.2525, 0.3256, 0.3262

Rectangle

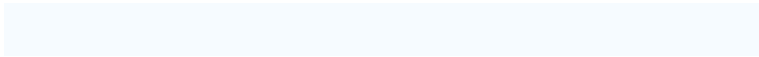
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.2525, 0.3248, 0.3445



96.2525, 0.3105, 0.3412



96.2525, 0.3007, 0.3138



96.2525, 0.3147, 0.3173

Sweetspot

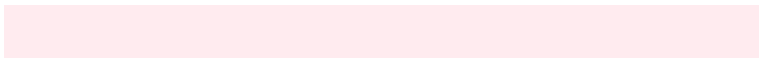
The Sweet Spot groups the original color and five complimentary colors.



96.2459, 0.3248, 0.3445



99.0247, 0.3157, 0.3329



86.9327, 0.3235, 0.3248



21.2057, 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.



96.2459, 0.3248, 0.3445



95.7063, 0.3266, 0.3468



97.7200, 0.3208, 0.3485



20.4351, 0.3274, 0.3479



33.8517, 0.4600, 0.4730



3.4458, 0.4544, 0.4774

Inverse Universe

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



86.6270, 0.3006, 0.3130



84.7527, 0.2987, 0.3105



85.2837, 0.3042, 0.3092



17.9678, 0.2979, 0.3094



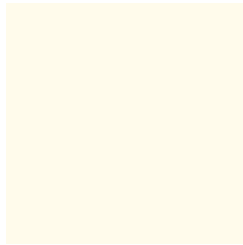
5.1827, 0.1554, 0.0795



0.6498, 0.1607, 0.0986

Previews

White Background



This preview shows how the Yxy color 96.2525, 0.3248, 0.3445 looks on a white background.

Color Contrast Check

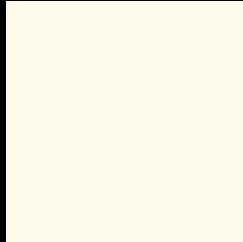
Large Text (above 18pt) WCAG AA × Fail

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 96.2525, 0.3248, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

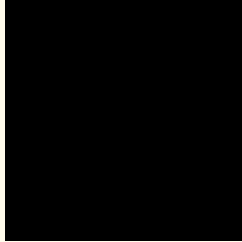
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.2525, 0.3248, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 96.2525, 0.3248, 0.3445.



This preview shows how white text looks on a background with the Yxy color 96.2525, 0.3248, 0.3445.

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

96.2525, 0.3248, 0.3445

Protanopia

96.1023, 0.3200, 0.3358

Deuteranopia

96.4708, 0.3165, 0.3300

Tritanopia

96.4739, 0.3117, 0.3242

Trichromacy



Original Color

96.2525, 0.3248, 0.3445

Protanomaly

95.9225, 0.3218, 0.3387

Deuteranomaly

96.1629, 0.3194, 0.3348

Tritanomaly

96.2194, 0.3164, 0.3309

Monochromacy



Original Color

96.2525, 0.3248, 0.3445



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 96.2525, 0.3248, 0.3445 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 235) }
```

Border

The CSS property to change the border of an element to Yxy 96.2525, 0.3248, 0.3445 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, 235) }
```

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

```
.border{ border-color:rgb(255, 251, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 96.2525, 0.3248, 0.3445 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
251, 235) }
```

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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