

Converting Colors

$Yxy(92.3875, 0.3464, 0.3611)$

Have a look what the booklet for
Yxy(92.3875, 0.3464, 0.3611)
contains.

Yxy(90.6645, 0.3405, 0.3617)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(90.6645, 0.3405, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4D3
RGB	255, 244, 211
RGB Percent	100%, 96%, 83%
CMY	0.0000, 0.0431, 0.1724
CMYK	0.00, 0.04, 0.17, 0.00
HSL	45°, 100%, 91%
HSV	45°, 17%, 100%
XYZ	85.3505, 90.6645, 74.6472
YIQ	243.5270, 17.1490, -7.9310

Conversions

Conversions Part 2

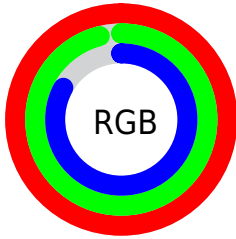
Format	Color
R_{YB}	226, 255, 211
Decimal	16774355
CIE _{Lab}	96.27, -1.55, 17.22
CIE _{LCh}	96, 17.289, 95.131
Y _{xy}	90.6645, 0.3405, 0.3617
Android (android.graphics.Color)	4294964435 (0xFFFFF4D3)
YUV	243.5270, -16.0358, 10.0618
Hunter-Lab	95.2179, -6.6293, 20.1714

Details

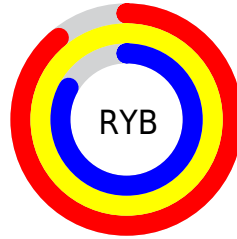
The Yxy color **90.6645, 0.3405, 0.3617** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.3271, 0.2849, 0.2940**, and the grayscale version is **90.1933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.3725, 0.3468, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **85.7184, 0.3583, 0.3814**, and if you desaturate by 10%, it is **95.9543, 0.3239, 0.3424**.

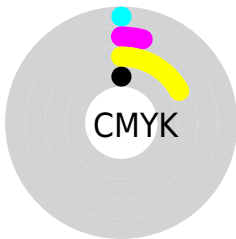
Distribution



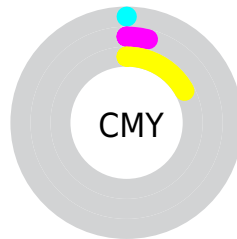
- Red (100%)
- Green (96%)
- Blue (83%)



- Red (89%)
- Yellow (100%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.6645, 0.3405, 0.3617 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 90.6645, 0.3405, 0.3617 by changing the saturation by 10% instead.


 90.6645, 0.3405,
0.3617

 90.6645, 0.3405,
0.3617


530.1901, 0.3282,
0.3471

 68.5319, 0.3432,
0.3649

148.2611, 0.3363,
0.3567

 50.3306, 0.3464,
0.3688

184.4938, 0.3347,
0.3548

 35.6761, 0.3505,
0.3736


226.1955, 0.3332,
0.3531

 24.1842, 0.3556,
0.3797

273.7503, 0.3320,
0.3516

 15.4703, 0.3623,
0.3878

327.5428, 0.3309,
0.3503

 9.1501, 0.3713,
0.3988

387.9573, 0.3299,

 4.8392, 0.3842,

0.3491

0.4147

455.3783, 0.3290,
0.3481

■ 2.1532, 0.4047,
0.4403

■ 0.6943, 0.4726,
0.5274

■ 90.6645, 0.3405,
0.3617

■ 90.6645, 0.3405,
0.3617

■ 85.7184, 0.3583,
0.3814

■ 95.9543, 0.3239,
0.3424

■ 81.0929, 0.3770,
0.4010

99.9996, 0.3127,
0.3290

■ 76.7806, 0.3960,
0.4196

■ 72.7687, 0.4148,
0.4361

■ 69.0434, 0.4324,
0.4496

■ 65.5891, 0.4480,
0.4590

■ 62.3876, 0.4608,
0.4636

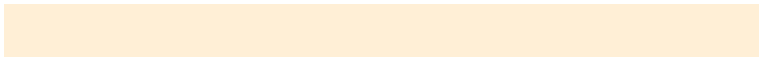
■ 59.4159, 0.4705,
0.4633

■ 58.6279, 0.4729,
0.4627

Harmonies

Analogous

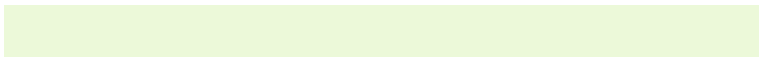
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.6645, 0.3501, 0.3522



90.6645, 0.3405, 0.3617



90.6645, 0.3235, 0.3623

Triad

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



90.6645, 0.3405, 0.3617



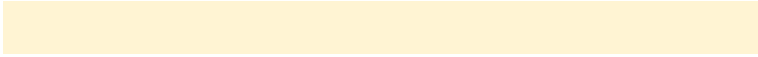
90.6645, 0.2774, 0.3190



90.6645, 0.3206, 0.3066

Complementary

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



90.6645, 0.3405, 0.3617



73.3271, 0.2849, 0.2940

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.



90.6645, 0.3011, 0.2980



90.6645, 0.3405, 0.3617



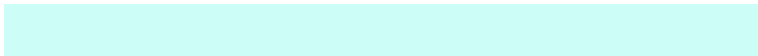
90.6645, 0.2766, 0.3045

Square

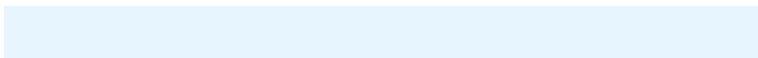
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.6645, 0.3405, 0.3617



90.6645, 0.2873, 0.3370



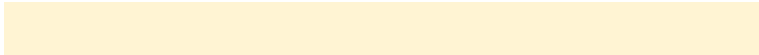
90.6645, 0.2851, 0.2971



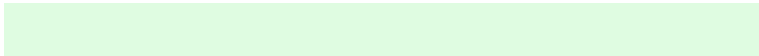
90.6645, 0.3385, 0.3207

Rectangle

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



90.6645, 0.3405, 0.3617



90.6645, 0.3105, 0.3572



90.6645, 0.2851, 0.2971



90.6645, 0.3140, 0.3030

Sweetspot

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



90.6685, 0.3405, 0.3617



97.1888, 0.3204, 0.3382



73.1769, 0.3374, 0.3172



20.7193, 0.3215, 0.3395



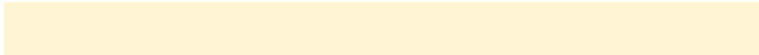
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

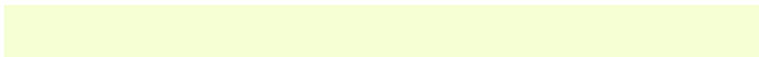
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.6685, 0.3405, 0.3617



88.7716, 0.3471, 0.3691



95.5887, 0.3320, 0.3730



20.2763, 0.3275, 0.3467



30.8844, 0.4718, 0.4636



3.1801, 0.4645, 0.4694

Inverse Universe

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



73.3271, 0.2849, 0.2940



68.2186, 0.2783, 0.2854



69.2401, 0.2912, 0.2829



18.1155, 0.2979, 0.3106



5.8715, 0.1579, 0.0885



0.7361, 0.1637, 0.1093

Previews

White Background



This preview shows how the Yxy color 90.6645, 0.3405, 0.3617 looks on a white background.

Color Contrast Check

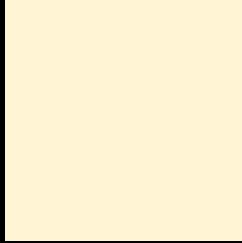
Large Text (above 18pt) WCAG AA × Fail

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 90.6645, 0.3405, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

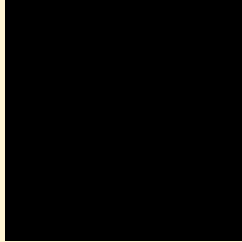
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.6645, 0.3405, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 90.6645, 0.3405, 0.3617.



This preview shows how white text looks on a background with the Yxy color 90.6645, 0.3405, 0.3617.

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

90.6645, 0.3405, 0.3617

Protanopia

90.8677, 0.3380, 0.3577

Deuteranopia

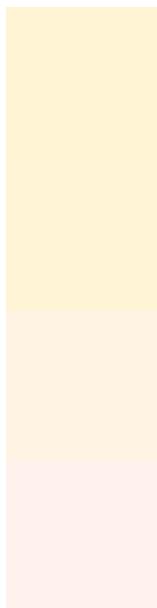
90.8204, 0.3250, 0.3349



Tritanopia

90.6085, 0.3152, 0.3175

Trichromacy



Original Color

90.6645, 0.3405, 0.3617

Protanomaly

90.8164, 0.3386, 0.3587

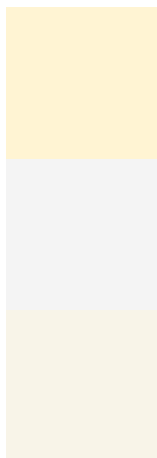
Deuteranomaly

90.9072, 0.3305, 0.3448

Tritanomaly

90.2850, 0.3244, 0.3329

Monochromacy



Original Color

90.6645, 0.3405, 0.3617

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.4840, 0.3226, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.6645, 0.3405, 0.3617 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, 244, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 211)  
}
```

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, 244, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 211) }
```

Border

The CSS property to change the border of an element to Yxy 90.6645, 0.3405, 0.3617 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, 244, 211) }
```

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

```
.border{ border-color:rgb(255, 244, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 90.6645, 0.3405, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 211) }
```

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

```
.background{ background-color: rgb(255,  
244, 211) }
```

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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