

Converting Colors

$Yxy(90.1387, 0.3395, 0.3613)$

Have a look what the booklet for
Yxy(90.1387, 0.3395, 0.3613)
contains.

Yxy(90.4753, 0.3398, 0.3618)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(90.4753, 0.3398, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	FEF4D3
RGB	254, 244, 211
RGB Percent	100%, 96%, 83%
CMY	0.0040, 0.0431, 0.1725
CMYK	0.00, 0.04, 0.17, 0.00
HSL	46°, 95%, 91%
HSV	46°, 17%, 100%
XYZ	84.9738, 90.4753, 74.6209
YIQ	243.2280, 16.5530, -8.1430

Conversions

Conversions Part 2

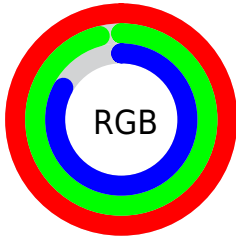
Format	Color
R _Y B	224, 254, 211
Decimal	16708819
CIE Lab	96.19, -1.92, 17.11
CIE LCh	96, 17.213, 96.405
Yxy	90.4753, 0.3398, 0.3618
Android (android.graphics.Color)	4294898899 (0xFFFEF4D3)
YUV	243.2280, -15.8884, 9.4470
Hunter-Lab	95.1185, -6.9951, 20.0697

Details

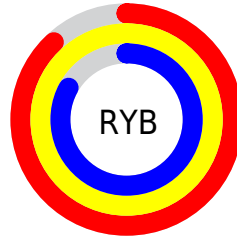
The Yxy color **90.4753, 0.3398, 0.3618** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.6996, 0.2854, 0.2939**, and the grayscale version is **89.9377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.2371, 0.3459, 0.3696** is the 20% darker color. If you saturate the color by 10%, you get **85.8192, 0.3574, 0.3819**, and if you desaturate by 10%, it is **95.4537, 0.3233, 0.3421**.

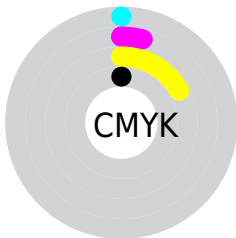
Distribution



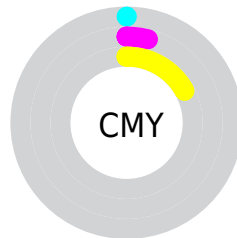
- Red (100%)
- Green (96%)
- Blue (83%)



- Red (88%)
- 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 90.4753, 0.3398, 0.3618 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 90.4753, 0.3398, 0.3618 by changing the saturation by 10% instead.


 90.4753, 0.3398,
0.3618

 90.4753, 0.3398,
0.3618

529.5758, 0.3278,
0.3472

 68.3749, 0.3424,
0.3650


147.9984, 0.3357,
0.3568

 50.2028, 0.3456,
0.3689


184.1900, 0.3341,
0.3549

 35.5746, 0.3495,
0.3738


225.8474, 0.3327,
0.3532

 24.1058, 0.3545,
0.3800

273.3550, 0.3315,
0.3517

 15.4121, 0.3610,
0.3881

327.0972, 0.3304,
0.3503

 9.1091, 0.3698,
0.3992

387.4585, 0.3294,

 4.8124, 0.3824,

0.3492

0.4153

454.8232, 0.3286,
0.3481

■ 2.1376, 0.4024,
0.4415

■ 0.6857, 0.4687,
0.5313

■ 90.4753, 0.3398,
0.3618

■ 90.4753, 0.3398,
0.3618

■ 85.8192, 0.3574,
0.3819

■ 95.4537, 0.3233,
0.3421

■ 81.4630, 0.3757,
0.4019

99.8047, 0.3121,
0.3290

■ 77.3994, 0.3943,
0.4209

■ 73.6162, 0.4126,
0.4379

■ 70.1000, 0.4296,
0.4518

■ 66.8357, 0.4445,
0.4616

■ 63.8057, 0.4567,
0.4666

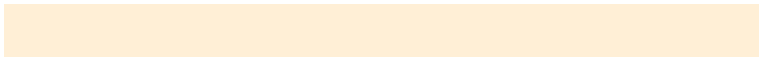
■ 60.9881, 0.4659,
0.4669

■ 60.1513, 0.4683,
0.4664

Harmonies

Analogous

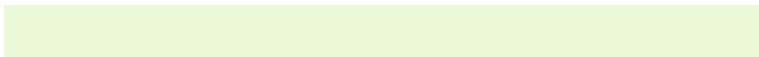
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4753, 0.3498, 0.3527



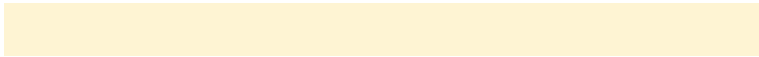
90.4753, 0.3398, 0.3618



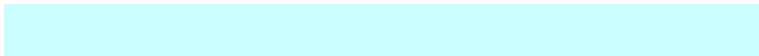
90.4753, 0.3227, 0.3620

Triad

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



90.4753, 0.3398, 0.3618



90.4753, 0.2773, 0.3183



90.4753, 0.3214, 0.3071

Complementary

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



90.4753, 0.3398, 0.3618



72.6996, 0.2854, 0.2939

Split Complementary

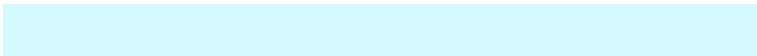
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.4753, 0.3019, 0.2983



90.4753, 0.3398, 0.3618



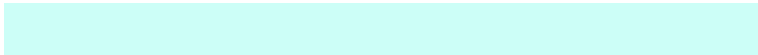
90.4753, 0.2769, 0.3041

Square

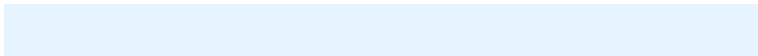
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.4753, 0.3398, 0.3618



90.4753, 0.2868, 0.3362



90.4753, 0.2858, 0.2971



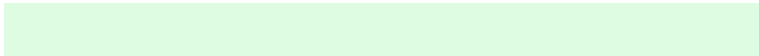
90.4753, 0.3390, 0.3214

Rectangle

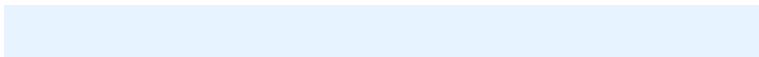
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.4753, 0.3398, 0.3618



90.4753, 0.3097, 0.3566



90.4753, 0.2858, 0.2971



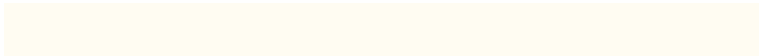
90.4753, 0.3149, 0.3035

Sweetspot

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



90.4793, 0.3398, 0.3618



97.3355, 0.3203, 0.3384



72.8826, 0.3379, 0.3189



20.7551, 0.3214, 0.3398



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.



90.4793, 0.3398, 0.3618



89.8309, 0.3451, 0.3680



94.5351, 0.3307, 0.3722



20.3351, 0.3275, 0.3472



31.9574, 0.4673, 0.4671



3.2766, 0.4607, 0.4724

Inverse Universe

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



72.6996, 0.2854, 0.2939



69.0750, 0.2800, 0.2867



69.3528, 0.2926, 0.2840



18.0606, 0.2979, 0.3102



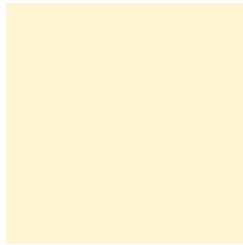
5.5972, 0.1569, 0.0849



0.7025, 0.1626, 0.1052

Previews

White Background



This preview shows how the Yxy color 90.4753, 0.3398, 0.3618 looks on a white background.

Color Contrast Check

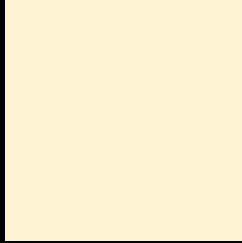
Large Text (above 18pt) WCAG AA × Fail

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 90.4753, 0.3398, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

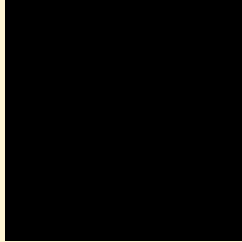
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.4753, 0.3398, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 90.4753, 0.3398, 0.3618.

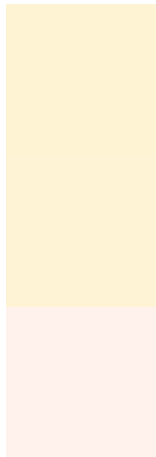


This preview shows how white text looks on a background with the Yxy color 90.4753, 0.3398, 0.3618.

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

90.4753, 0.3398, 0.3618

Protanopia

90.2162, 0.3388, 0.3578

Deuteranopia

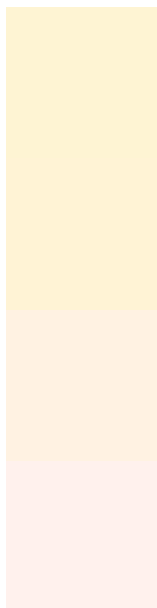
90.1688, 0.3257, 0.3349



Tritanopia

90.6085, 0.3152, 0.3175

Trichromacy



Original Color

90.4753, 0.3398, 0.3618

Protanomaly

90.1653, 0.3394, 0.3588

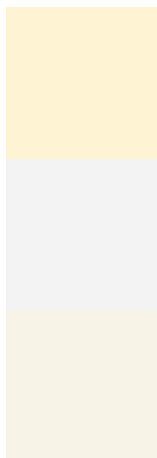
Deuteranomaly

90.2552, 0.3313, 0.3448

Tritanomaly

90.2850, 0.3244, 0.3329

Monochromacy



Original Color

90.4753, 0.3398, 0.3618

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.6449, 0.3227, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4753, 0.3398, 0.3618 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(254, 244, 211)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 244, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 211) }
```

Border

The CSS property to change the border of an element to Yxy 90.4753, 0.3398, 0.3618 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(254, 244, 211) }
```

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

```
.border{ border-color:rgb(254, 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(254, 244, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 211);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
211) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 90.4753, 0.3398, 0.3618$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 211) }
```

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

```
.background{ background-color: rgb(254,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor