

Converting Colors

$Yxy(93.0241, 0.3362, 0.3590)$

Have a look what the booklet for
Yxy(93.0241, 0.3362, 0.3590)
contains.

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Color

Yxy(92.7913, 0.3363, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7D9
RGB	255, 247, 217
RGB Percent	100%, 97%, 85%
CMY	0.0000, 0.0313, 0.1491
CMYK	0.00, 0.03, 0.15, 0.00
HSL	47°, 100%, 93%
HSV	47°, 15%, 100%
XYZ	87.0210, 92.7913, 78.9476
YIQ	245.9720, 14.3980, -7.6340

Conversions

Conversions Part 2

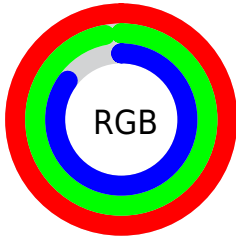
Format	Color
RYB	227, 255, 217
Decimal	16775129
CIELab	97.14, -2.17, 15.40
CIELCh	97, 15.551, 98.037
Yxy	92.7913, 0.3363, 0.3586
Android (android.graphics.Color)	4294965209 (0xFFFFF7D9)
YUV	245.9720, -14.2832, 7.9176
Hunter-Lab	96.3282, -7.3212, 18.8375

Details

The Yxy color **92.7913, 0.3363, 0.3586** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.7943, 0.2888, 0.2976**, and the grayscale version is **92.2449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8760, 0.3412, 0.3654** is the 20% darker color. If you saturate the color by 10%, you get **88.3403, 0.3535, 0.3792**, and if you desaturate by 10%, it is **97.5497, 0.3202, 0.3385**.

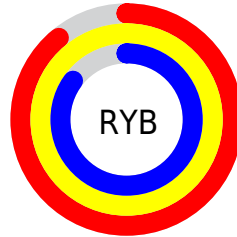
Distribution



Red (100%)

Green (97%)

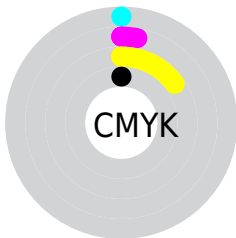
Blue (85%)



Red (89%)

Yellow (100%)

Blue (85%)

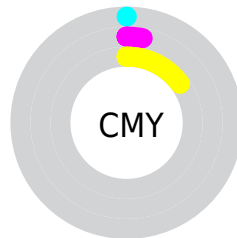


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7913, 0.3363, 0.3586 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 92.7913, 0.3363, 0.3586 by changing the saturation by 10% instead.


 92.7913, 0.3363,
0.3586

 92.7913, 0.3363,
0.3586


537.0696, 0.3259,
0.3454

 70.2981, 0.3386,
0.3615


151.2096, 0.3328,
0.3541

 51.7696, 0.3413,
0.3650

187.9035, 0.3314,
0.3524

 36.8214, 0.3447,
0.3693


230.0997, 0.3302,
0.3508

 25.0693, 0.3490,
0.3749

278.1827, 0.3291,
0.3495

 16.1287, 0.3546,
0.3821

332.5367, 0.3282,
0.3483

 9.6152, 0.3621,
0.3921

393.5463, 0.3273,

 5.1446, 0.3729,

0.3472

0.4064

461.5958, 0.3266,
0.3463

■ 2.3324, 0.3892,
0.4288

■ 0.7908, 0.4690,
0.5310

■ 92.7913, 0.3363,
0.3586

■ 92.7913, 0.3363,
0.3586

■ 88.3403, 0.3535,
0.3792

■ 97.5497, 0.3202,
0.3385

■ 84.1741, 0.3714,
0.3998

99.9996, 0.3127,
0.3290

■ 80.2860, 0.3896,
0.4194

■ 76.6641, 0.4073,
0.4373

■ 73.2955, 0.4239,
0.4522

■ 70.1655, 0.4385,
0.4632

■ 67.2574, 0.4505,
0.4696

■ 64.5506, 0.4594,
0.4711

■ 63.2363, 0.4630,
0.4705

Harmonies

Analogous

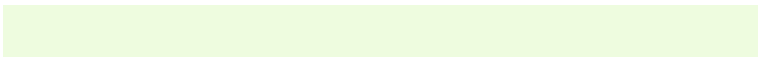
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7913, 0.3456, 0.3509



92.7913, 0.3363, 0.3586



92.7913, 0.3208, 0.3582

Triad

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



92.7913, 0.3363, 0.3586



92.7913, 0.2806, 0.3187



92.7913, 0.3215, 0.3099

Complementary

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



92.7913, 0.3363, 0.3586



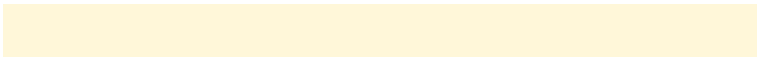
75.7943, 0.2888, 0.2976

Split Complementary

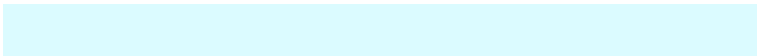
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7913, 0.3040, 0.3017



92.7913, 0.3363, 0.3586



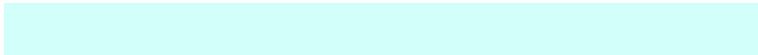
92.7913, 0.2808, 0.3062

Square

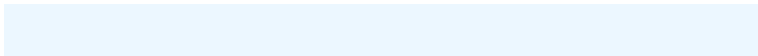
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.7913, 0.3363, 0.3586



92.7913, 0.2888, 0.3346



92.7913, 0.2892, 0.3002



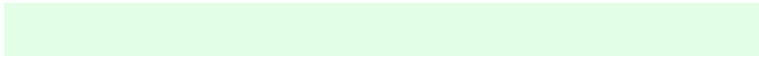
92.7913, 0.3370, 0.3230

Rectangle

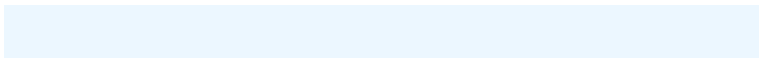
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.7913, 0.3363, 0.3586



92.7913, 0.3091, 0.3531



92.7913, 0.2892, 0.3002



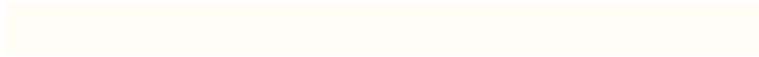
92.7913, 0.3156, 0.3065

Sweetspot

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



92.7954, 0.3363, 0.3586



98.0010, 0.3188, 0.3367



76.3173, 0.3349, 0.3208



20.8970, 0.3199, 0.3382



0.0000, 0.0000, 0.0000



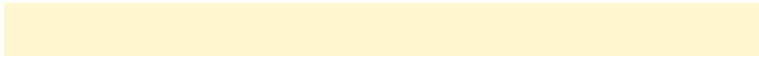
21.4041, 0.3127, 0.3290

Same Dimension

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



92.7954, 0.3363, 0.3586



91.3905, 0.3415, 0.3649



95.7998, 0.3281, 0.3670



20.4047, 0.3274, 0.3477



33.2672, 0.4622, 0.4712



3.3937, 0.4563, 0.4759

Inverse Universe

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



75.7943, 0.2888, 0.2976



71.3180, 0.2835, 0.2903



73.2821, 0.2957, 0.2898



17.9959, 0.2979, 0.3096



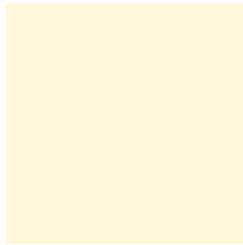
5.3018, 0.1559, 0.0810



0.6653, 0.1613, 0.1005

Previews

White Background



This preview shows how the Yxy color 92.7913, 0.3363, 0.3586 looks on a white background.

Color Contrast Check

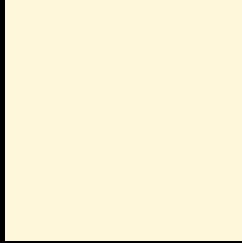
Large Text (above 18pt) WCAG AA × Fail

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 92.7913, 0.3363, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

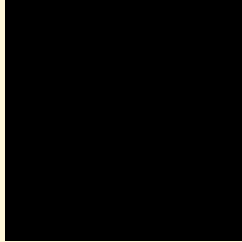
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.7913, 0.3363, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 92.7913, 0.3363, 0.3586.



This preview shows how white text looks on a background with the Yxy color 92.7913, 0.3363, 0.3586.

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

92.7913, 0.3363, 0.3586

Protanopia

92.6625, 0.3308, 0.3486

Deuteranopia

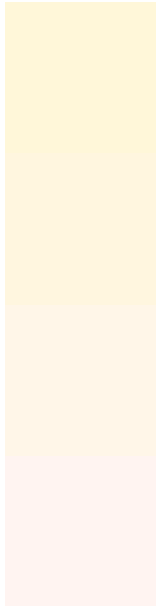
92.9157, 0.3216, 0.3329



Tritanopia

92.5169, 0.3139, 0.3185

Trichromacy



Original Color

92.7913, 0.3363, 0.3586

Protanomaly

92.4992, 0.3327, 0.3516

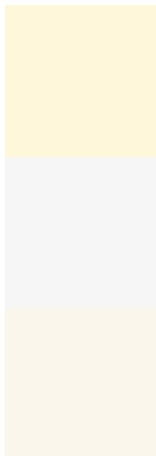
Deuteranomaly

92.9977, 0.3271, 0.3427

Tritanomaly

92.3122, 0.3217, 0.3319

Monochromacy



Original Color

92.7913, 0.3363, 0.3586

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.0494, 0.3213, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7913, 0.3363, 0.3586 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, 247, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 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, 247, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 217) }
```

Border

The CSS property to change the border of an element to Yxy 92.7913, 0.3363, 0.3586 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, 247, 217) }
```

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

```
.border{ border-color:rgb(255, 247, 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, 247, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7913, 0.3363, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 217) }
```

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

```
.background{ background-color: rgb(255,  
247, 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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