

Converting Colors

$Yxy(90.3545, 0.3220, 0.3446)$

Have a look what the booklet for
Yxy(90.3545, 0.3220, 0.3446)
contains.

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Color

Yxy(90.3744, 0.3224, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	F5F5E5
RGB	245, 245, 229
RGB Percent	96%, 96%, 90%
CMY	0.0392, 0.0392, 0.1019
CMYK	0.00, 0.00, 0.07, 0.04
HSL	60°, 44%, 93%
HSV	60°, 7%, 96%
XYZ	84.4542, 90.3744, 87.1262
YIQ	243.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

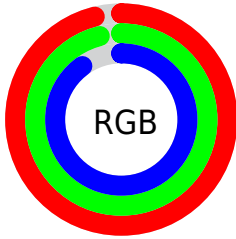
Format	Color
R _Y B	229, 245, 229
Decimal	16119269
CIE Lab	96.15, -2.72, 7.69
CIE LCh	96, 8.156, 109.511
Yxy	90.3744, 0.3224, 0.3450
Android (android.graphics.Color)	4294309349 (0xFFFF5F5E5)
YUV	243.1760, -6.9888, 1.5996
Hunter-Lab	95.0655, -7.7888, 12.2074

Details

The Yxy color **90.3744, 0.3224, 0.3450** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.2991, 0.3027, 0.3125**, and the grayscale version is **89.8325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.2700, 0.3243, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **89.0989, 0.3376, 0.3701**, and if you desaturate by 10%, it is **91.8510, 0.3077, 0.3207**.

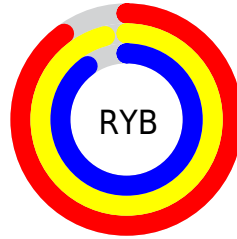
Distribution



Red (96%)

Green (96%)

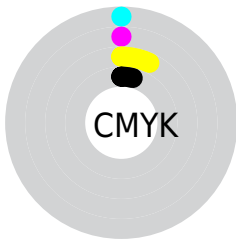
Blue (90%)



Red (90%)

Yellow (96%)

Blue (90%)

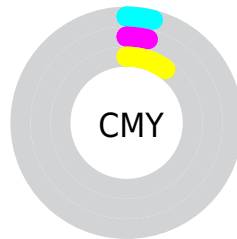


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.3744, 0.3224, 0.3450 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 90.3744, 0.3224, 0.3450 by changing the saturation by 10% instead.

90.3744, 0.3224,
0.3450

90.3744, 0.3224,
0.3450

529.2480, 0.3181,
0.3378

68.2912, 0.3233,
0.3466

147.8583, 0.3209,
0.3426

50.1347, 0.3245,
0.3485

184.0279, 0.3204,
0.3416

35.5204, 0.3259,
0.3509

225.6617, 0.3199,
0.3408

24.0640, 0.3277,
0.3540

273.1441, 0.3194,
0.3400

15.3811, 0.3301,
0.3581

326.8595, 0.3190,
0.3394

9.0873, 0.3333,
0.3638

387.1924, 0.3187,

4.7982, 0.3381,

0.3388

0.3722

454.5271, 0.3184,
0.3383

■ 2.1293, 0.3456,
0.3859

■ 0.6810, 0.3962,
0.4646

■ 90.3744, 0.3224,
0.3450

■ 90.3744, 0.3224,
0.3450

■ 89.0989, 0.3376,
0.3701

■ 91.8510, 0.3077,
0.3207

■ 88.0045, 0.3529,
0.3954

■ 91.9525, 0.3068,
0.3193

■ 87.0866, 0.3678,
0.4200

■ 91.9584, 0.3068,
0.3193

■ 86.3360, 0.3816,
0.4429

■ 91.9643, 0.3068,
0.3193

 85.7424, 0.3939,
0.4631


 91.9702, 0.3068,
0.3193

 85.2946, 0.4040,
0.4798


 91.9761, 0.3068,
0.3193

 84.9799, 0.4116,
0.4923

 91.9820, 0.3068,
0.3193

 84.7834, 0.4165,
0.5004

 91.9879, 0.3068,
0.3193

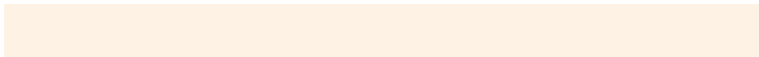
 84.6863, 0.4189,
0.5044

 91.9938, 0.3068,
0.3193

Harmonies

Analogous

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



90.3744, 0.3287, 0.3427



90.3744, 0.3224, 0.3450



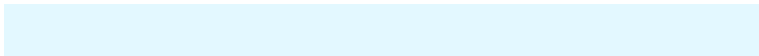
90.3744, 0.3135, 0.3429

Triad

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



90.3744, 0.3224, 0.3450



90.3744, 0.2951, 0.3209



90.3744, 0.3208, 0.3213

Complementary

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



90.3744, 0.3224, 0.3450



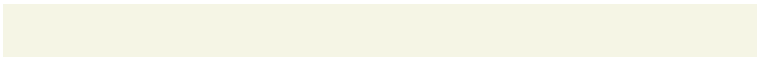
79.2991, 0.3027, 0.3125

Split Complementary

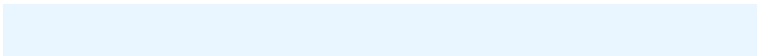
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3744, 0.3117, 0.3156



90.3744, 0.3224, 0.3450



90.3744, 0.2969, 0.3153

Square

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



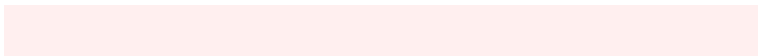
90.3744, 0.3224, 0.3450



90.3744, 0.2978, 0.3288



90.3744, 0.3030, 0.3134



90.3744, 0.3278, 0.3289

Rectangle

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



90.3744, 0.3224, 0.3450



90.3744, 0.3074, 0.3393



90.3744, 0.3030, 0.3134



90.3744, 0.3179, 0.3191

Sweetspot

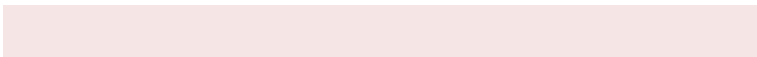
The Sweet Spot groups the original color and five complimentary colors.



90.3783, 0.3224, 0.3450



99.6746, 0.3157, 0.3339



81.1298, 0.3236, 0.3288



21.3379, 0.3155, 0.3336



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.



90.3783, 0.3224, 0.3450



98.7499, 0.3246, 0.3487



89.0200, 0.3173, 0.3453



19.3124, 0.3269, 0.3524



45.6078, 0.4194, 0.5052



4.0088, 0.4194, 0.5052

Inverse Universe

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



79.2991, 0.3027, 0.3125



84.0067, 0.3003, 0.3085



80.5964, 0.3079, 0.3127



15.9278, 0.2979, 0.3045



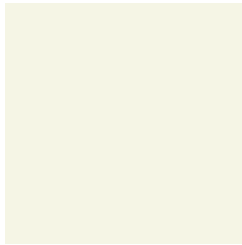
3.5532, 0.1500, 0.0600



0.3127, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 90.3744, 0.3224, 0.3450 looks on a white background.

Color Contrast Check

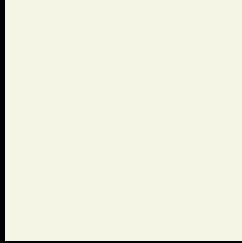
Large Text (above 18pt) WCAG AA × Fail

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 90.3744, 0.3224, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

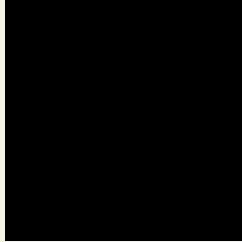
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

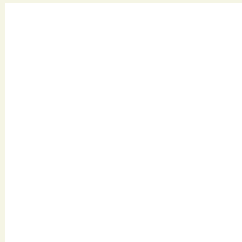
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.3744, 0.3224, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 90.3744, 0.3224, 0.3450.

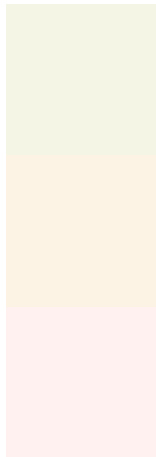


This preview shows how white text looks on a background with the Yxy color 90.3744, 0.3224, 0.3450.

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

90.3744, 0.3224, 0.3450

Protanopia

90.3981, 0.3279, 0.3438

Deuteranopia

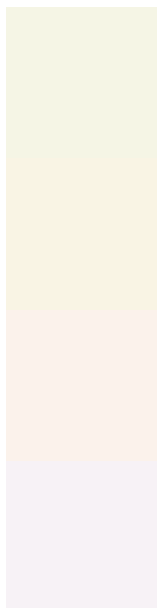
90.4026, 0.3232, 0.3310



Tritanopia

90.0871, 0.3088, 0.3154

Trichromacy



Original Color

90.3744, 0.3224, 0.3450

Protanomaly

90.4425, 0.3258, 0.3449

Deuteranomaly

90.0116, 0.3229, 0.3359

Tritanomaly

89.9322, 0.3136, 0.3251

Monochromacy



Original Color

90.3744, 0.3224, 0.3450

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.1075, 0.3163, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.3744, 0.3224, 0.3450 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(245, 245, 229)` looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 229)  
}
```

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(245, 245, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 229) }
```

Border

The CSS property to change the border of an element to Yxy 90.3744, 0.3224, 0.3450 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(245, 245, 229) }
```

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

```
.border{ border-color:rgb(245, 245, 229) }
```

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

Here you see how a box with a 4 pixel rgb(245, 245, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 229);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 90.3744, 0.3224, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 245, 229) }
```

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

```
.background{ background-color: rgb(245,  
245, 229) }
```

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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