

Converting Colors

$Yxy(90.3332, 0.3258, 0.3484)$

Have a look what the booklet for
Yxy(90.3332, 0.3258, 0.3484)
contains.

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Color

Yxy(90.5152, 0.3262, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	F7F5E1
RGB	247, 245, 225
RGB Percent	97%, 96%, 88%
CMY	0.0313, 0.0392, 0.1177
CMYK	0.00, 0.01, 0.09, 0.03
HSL	55°, 58%, 93%
HSV	55°, 9%, 97%
XYZ	84.6019, 90.5152, 84.2388
YIQ	243.3180, 7.6120, -5.7960

Conversions

Conversions Part 2

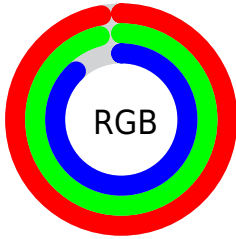
Format	Color
R_{YB}	227, 247, 225
Decimal	16250337
CIE Lab	96.21, -2.69, 9.86
CIE LCh	96, 10.224, 105.283
Yxy	90.5152, 0.3262, 0.3490
Android (android.graphics.Color)	4294440417 (0xFFFF7F5E1)
YUV	243.3180, -9.0308, 3.2291
Hunter-Lab	95.1395, -7.7646, 14.1008

Details

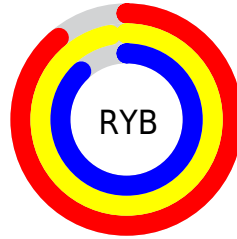
The Yxy color **90.5152, 0.3262, 0.3490** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.6585, 0.2988, 0.3082**, and the grayscale version is **89.9659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.3738, 0.3292, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **87.9141, 0.3420, 0.3721**, and if you desaturate by 10%, it is **93.3358, 0.3111, 0.3266**.

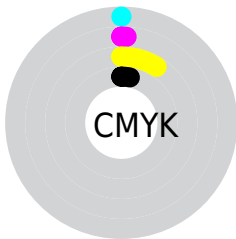
Distribution



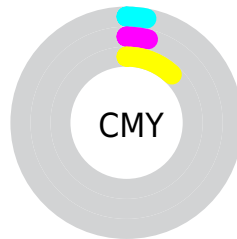
- Red (97%)
- Green (96%)
- Blue (88%)



- Red (89%)
- Yellow (97%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.5152, 0.3262, 0.3490 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 90.5152, 0.3262, 0.3490 by changing the saturation by 10% instead.

 90.5152, 0.3262,
0.3490

 90.5152, 0.3262,
0.3490

529.7054, 0.3202,
0.3401

 68.4080, 0.3275,
0.3510


148.0538, 0.3242,
0.3460

 50.2298, 0.3291,
0.3534


184.2541, 0.3234,
0.3448

 35.5960, 0.3311,
0.3564


225.9208, 0.3227,
0.3437

 24.1223, 0.3336,
0.3602

273.4384, 0.3221,
0.3428

 15.4244, 0.3369,
0.3653

327.1912, 0.3215,
0.3420

 9.1178, 0.3414,
0.3724

387.5637, 0.3210,

 4.8181, 0.3479,

0.3413

0.3828

454.9403, 0.3206,
0.3406

■ 2.1409, 0.3582,
0.3997

■ 0.6875, 0.4405,
0.5153

■ 90.5152, 0.3262,
0.3490

■ 90.5152, 0.3262,
0.3490

■ 87.9141, 0.3420,
0.3721

■ 93.3358, 0.3111,
0.3266

■ 85.5122, 0.3582,
0.3954

■ 95.0592, 0.3080,
0.3237

■ 83.3044, 0.3743,
0.4180

■ 96.4621, 0.3079,
0.3259

■ 81.2812, 0.3897,
0.4391

■ 97.8816, 0.3078,
0.3280

■ 79.4317, 0.4037,
0.4576

■ 98.5159, 0.3078,
0.3290

■ 77.7442, 0.4158,
0.4725

■ 76.2052, 0.4253,
0.4832

■ 74.7986, 0.4320,
0.4894

■ 73.5008, 0.4362,
0.4914

Harmonies

Analogous

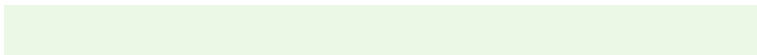
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5152, 0.3335, 0.3453



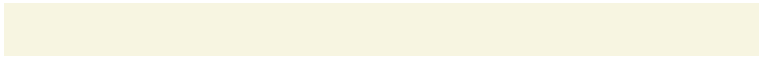
90.5152, 0.3262, 0.3490



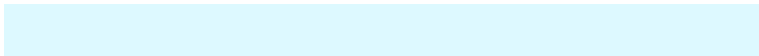
90.5152, 0.3154, 0.3472

Triad

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



90.5152, 0.3262, 0.3490



90.5152, 0.2908, 0.3200



90.5152, 0.3213, 0.3181

Complementary

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



90.5152, 0.3262, 0.3490



77.6585, 0.2988, 0.3082

Split Complementary

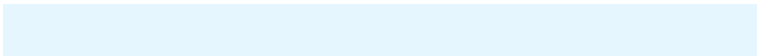
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.5152, 0.3098, 0.3116



90.5152, 0.3262, 0.3490



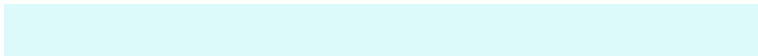
90.5152, 0.2923, 0.3125

Square

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



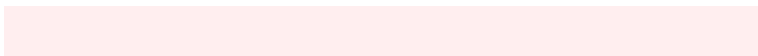
90.5152, 0.3262, 0.3490



90.5152, 0.2950, 0.3302



90.5152, 0.2992, 0.3096



90.5152, 0.3307, 0.3275

Rectangle

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



90.5152, 0.3262, 0.3490



90.5152, 0.3076, 0.3431



90.5152, 0.2992, 0.3096



90.5152, 0.3175, 0.3156

Sweetspot

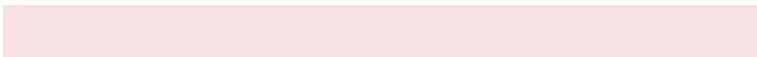
The Sweet Spot groups the original color and five complimentary colors.



90.5192, 0.3262, 0.3490



99.0733, 0.3172, 0.3357



79.1784, 0.3268, 0.3268



21.1535, 0.3184, 0.3375



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.



90.5192, 0.3262, 0.3490



96.7041, 0.3295, 0.3538



90.1755, 0.3202, 0.3513



19.0403, 0.3271, 0.3503



38.9067, 0.4362, 0.4918



3.4935, 0.4339, 0.4937

Inverse Universe

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



77.6585, 0.2988, 0.3082



79.8611, 0.2954, 0.3029



78.0201, 0.3047, 0.3065



16.1693, 0.2979, 0.3068



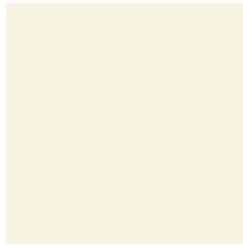
3.9510, 0.1517, 0.0660



0.4281, 0.1554, 0.0794

Previews

White Background



This preview shows how the Yxy color 90.5152, 0.3262, 0.3490 looks on a white background.

Color Contrast Check

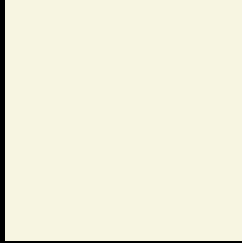
Large Text (above 18pt) WCAG AA × Fail

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 90.5152, 0.3262, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

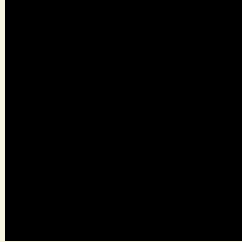
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.5152, 0.3262, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 90.5152, 0.3262, 0.3490.

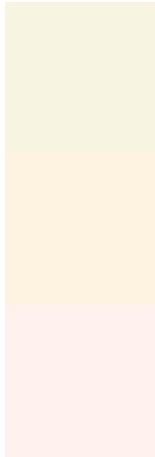


This preview shows how white text looks on a background with the Yxy color 90.5152, 0.3262, 0.3490.

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

90.5152, 0.3262, 0.3490

Protanopia

90.3656, 0.3311, 0.3478

Deuteranopia

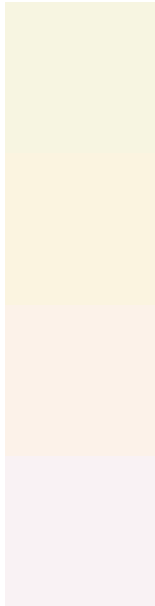
90.3436, 0.3238, 0.3320



Tritanopia

90.4546, 0.3101, 0.3154

Trichromacy



Original Color

90.5152, 0.3262, 0.3490

Protanomaly

90.5924, 0.3296, 0.3489

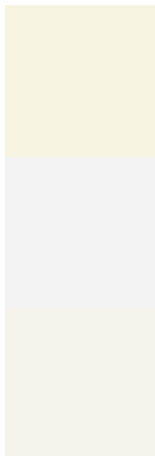
Deuteranomaly

90.0829, 0.3248, 0.3379

Tritanomaly

90.1757, 0.3161, 0.3271

Monochromacy



Original Color

90.5152, 0.3262, 0.3490

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.9906, 0.3175, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.5152, 0.3262, 0.3490 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(247, 245, 225)` looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 225)  
}
```

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(247, 245, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 225) }
```

Border

The CSS property to change the border of an element to Yxy 90.5152, 0.3262, 0.3490 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(247, 245, 225) }
```

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

```
.border{ border-color:rgb(247, 245, 225) }
```

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

Here you see how a box with a 4 pixel rgb(247, 245, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 90.5152, 0.3262, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 245, 225) }
```

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

```
.background{ background-color: rgb(247,  
245, 225) }
```

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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