

Converting Colors

$Yxy(91.6507, 0.3208, 0.3410)$

Have a look what the booklet for
Yxy(91.6507, 0.3208, 0.3410)
contains.

Yxy(91.6262, 0.3206, 0.3409)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(91.6262, 0.3206, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	F7F6EA
RGB	247, 246, 234
RGB Percent	97%, 96%, 92%
CMY	0.0313, 0.0353, 0.0824
CMYK	0.00, 0.00, 0.05, 0.03
HSL	55°, 45%, 94%
HSV	55°, 5%, 97%
XYZ	86.1700, 91.6262, 90.9811
YIQ	244.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

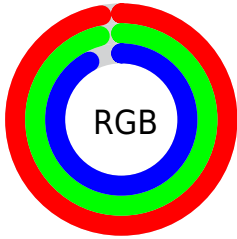
Format	Color
R _Y B	235, 247, 234
Decimal	16250602
CIE Lab	96.67, -1.71, 5.88
CIE LCh	97, 6.122, 106.243
Yxy	91.6262, 0.3206, 0.3409
Android (android.graphics.Color)	4294440682 (0xFF7F6EA)
YUV	244.9310, -5.3890, 1.8145
Hunter-Lab	95.7216, -6.8243, 10.6513

Details

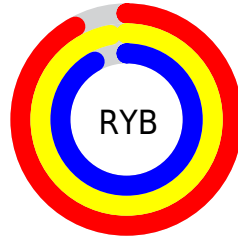
The Yxy color **91.6262, 0.3206, 0.3409** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.6365, 0.3047, 0.3168**, and the grayscale version is **91.2985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1176, 0.3228, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **89.1327, 0.3361, 0.3641**, and if you desaturate by 10%, it is **94.0974, 0.3080, 0.3222**.

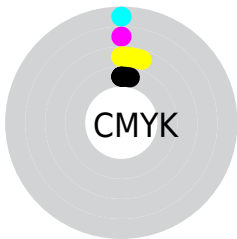
Distribution



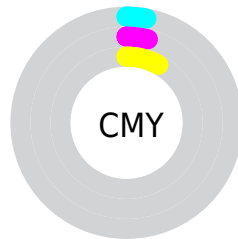
- Red (97%)
- Green (96%)
- Blue (92%)



- Red (92%)
- Yellow (97%)
- Blue (92%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.6262, 0.3206, 0.3409 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 91.6262, 0.3206, 0.3409 by changing the saturation by 10% instead.

91.6262, 0.3206,
0.3409

91.6262, 0.3206,
0.3409

533.3067, 0.3171,
0.3356

69.3302, 0.3214,
0.3421

149.5952, 0.3194,
0.3391

50.9807, 0.3223,
0.3435

186.0370, 0.3189,
0.3384

36.1932, 0.3234,
0.3453

227.9629, 0.3185,
0.3378

24.5835, 0.3249,
0.3475

275.7572, 0.3182,
0.3372

15.7670, 0.3268,
0.3505

329.8043, 0.3179,
0.3368

9.3594, 0.3295,
0.3546

390.4887, 0.3176,

4.9764, 0.3334,

0.3363

0.3607

458.1947, 0.3173,
0.3359

■ 2.2334, 0.3395,
0.3706

■ 0.7381, 0.3684,
0.4122

■ 91.6262, 0.3206,
0.3409

■ 91.6262, 0.3206,
0.3409

■ 89.1327, 0.3361,
0.3641

■ 94.0974, 0.3080,
0.3222

■ 86.8374, 0.3521,
0.3877

■ 95.2973, 0.3080,
0.3240

■ 84.7355, 0.3681,
0.4109

■ 96.5097, 0.3079,
0.3259

■ 82.8175, 0.3836,
0.4329

■ 97.7345, 0.3078,
0.3278

■ 81.0732, 0.3979,
0.4526

■ 98.5185, 0.3078,
0.3290

■ 79.4913, 0.4104,
0.4690

■ 78.0588, 0.4205,
0.4814

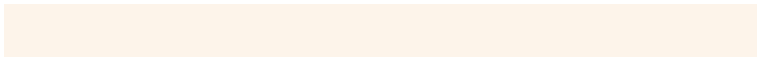
■ 76.7610, 0.4279,
0.4894

■ 75.5794, 0.4325,
0.4929

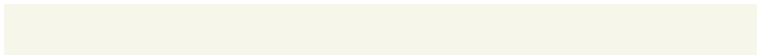
Harmonies

Analogous

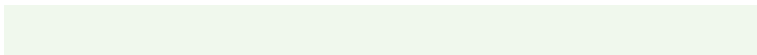
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6262, 0.3250, 0.3389



91.6262, 0.3206, 0.3409



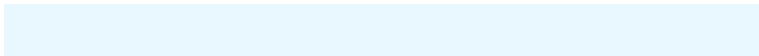
91.6262, 0.3141, 0.3397

Triad

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



91.6262, 0.3206, 0.3409



91.6262, 0.2996, 0.3235



91.6262, 0.3181, 0.3227

Complementary

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



91.6262, 0.3206, 0.3409



83.6365, 0.3047, 0.3168

Split Complementary

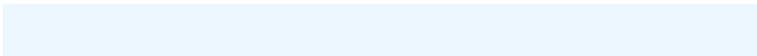
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6262, 0.3112, 0.3186



91.6262, 0.3206, 0.3409



91.6262, 0.3006, 0.3191

Square

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



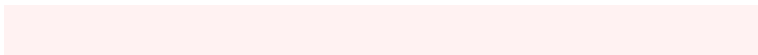
91.6262, 0.3206, 0.3409



91.6262, 0.3020, 0.3296



91.6262, 0.3048, 0.3173



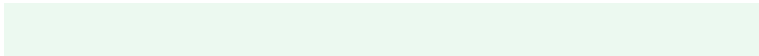
91.6262, 0.3235, 0.3283

Rectangle

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



91.6262, 0.3206, 0.3409



91.6262, 0.3095, 0.3372



91.6262, 0.3048, 0.3173



91.6262, 0.3159, 0.3211

Sweetspot

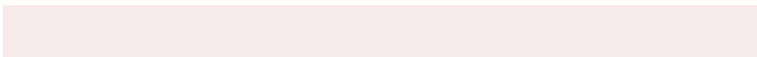
The Sweet Spot groups the original color and five complimentary colors.



91.6302, 0.3206, 0.3409



99.4203, 0.3157, 0.3335



84.6244, 0.3209, 0.3279



21.2861, 0.3155, 0.3333



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.



91.6302, 0.3206, 0.3409



98.2885, 0.3217, 0.3426



91.2822, 0.3170, 0.3420



19.2299, 0.3227, 0.3440



39.7793, 0.4338, 0.4938



3.5612, 0.4318, 0.4954

Inverse Universe

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



83.6365, 0.3047, 0.3168



88.5458, 0.3035, 0.3150



83.9846, 0.3083, 0.3159



17.1302, 0.3025, 0.3135



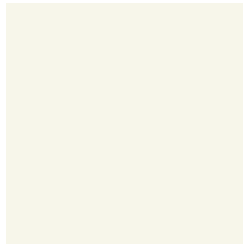
3.8829, 0.1514, 0.0650



0.4122, 0.1547, 0.0768

Previews

White Background



This preview shows how the Yxy color 91.6262, 0.3206, 0.3409 looks on a white background.

Color Contrast Check

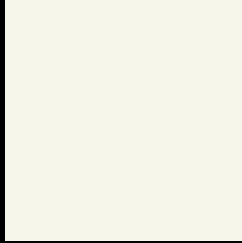
Large Text (above 18pt) WCAG AA × Fail

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 91.6262, 0.3206, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

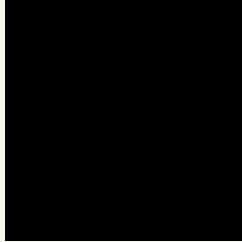
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

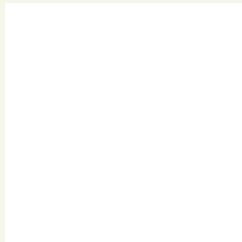
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6262, 0.3206, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 91.6262, 0.3206, 0.3409.

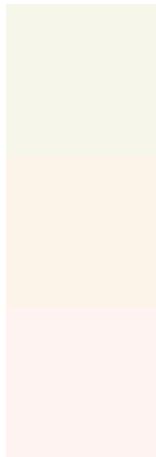


This preview shows how white text looks on a background with the Yxy color 91.6262, 0.3206, 0.3409.

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

91.6262, 0.3206, 0.3409

Protanopia

91.4672, 0.3253, 0.3398

Deuteranopia

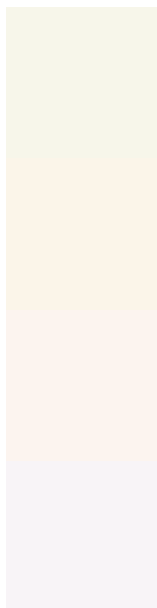
91.7720, 0.3212, 0.3300



Tritanopia

91.4609, 0.3094, 0.3174

Trichromacy



Original Color

91.6262, 0.3206, 0.3409

Protanomaly

91.6972, 0.3239, 0.3408

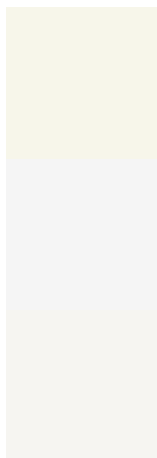
Deuteranomaly

91.6288, 0.3210, 0.3339

Tritanomaly

91.3732, 0.3135, 0.3261

Monochromacy



Original Color

91.6262, 0.3206, 0.3409

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.2485, 0.3158, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6262, 0.3206, 0.3409 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, 246, 234)` looks like.

```
.text, #text, p{  
    color:rgb(247, 246, 234)  
}
```

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, 246, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 246, 234) }
```

Border

The CSS property to change the border of an element to Yxy 91.6262, 0.3206, 0.3409 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, 246, 234) }
```

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

```
.border{ border-color:rgb(247, 246, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 246, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 246, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 246, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 246,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6262, 0.3206, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 246, 234) }
```

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

```
.background{ background-color: rgb(247,  
246, 234) }
```

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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