

Converting Colors

$Yxy(91.9407, 0.3266, 0.3605)$

Have a look what the booklet for
Yxy(91.9407, 0.3266, 0.3605)
contains.

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Color

Yxy(91.6906, 0.3267, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	F2F9DA
RGB	242, 249, 218
RGB Percent	95%, 98%, 85%
CMY	0.0511, 0.0235, 0.1450
CMYK	0.03, 0.00, 0.12, 0.02
HSL	74°, 72%, 92%
HSV	74°, 12%, 98%
XYZ	83.1399, 91.6906, 79.6535
YIQ	243.3730, 5.7790, -11.1250

Conversions

Conversions Part 2

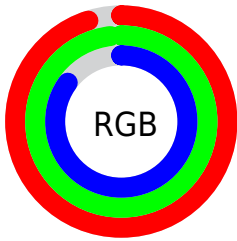
Format	Color
R _Y B	218, 249, 225
Decimal	15923674
CIE Lab	96.69, -7.57, 14.09
CIE LCh	97, 15.993, 118.235
Yxy	91.6906, 0.3267, 0.3603
Android (android.graphics.Color)	4294113754 (0xFFFF2F9DA)
YUV	243.3730, -12.5089, -1.2041
Hunter-Lab	95.7552, -12.5881, 17.7085

Details

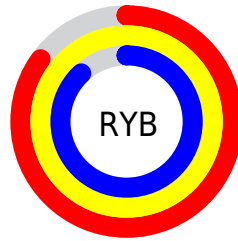
The Yxy color **91.6906, 0.3267, 0.3603** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.0085, 0.2976, 0.2966**, and the grayscale version is **90.0374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2234, 0.3298, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **89.5004, 0.3380, 0.3868**, and if you desaturate by 10%, it is **94.1158, 0.3154, 0.3350**.

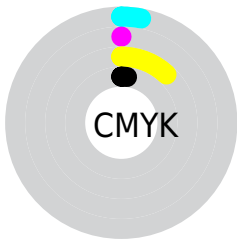
Distribution



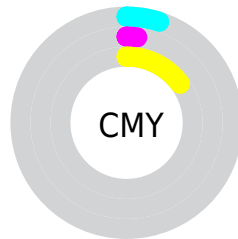
- Red (95%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)




- Cyan (5%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.6906, 0.3267, 0.3603 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 91.6906, 0.3267, 0.3603 by changing the saturation by 10% instead.

 91.6906, 0.3267,
0.3603

 91.6906, 0.3267,
0.3603

533.5151, 0.3206,
0.3462

 69.3837, 0.3280,
0.3634


149.6845, 0.3246,
0.3555

 51.0242, 0.3296,
0.3672


186.1403, 0.3238,
0.3536

 36.2279, 0.3315,
0.3720


228.0811, 0.3231,
0.3520

 24.6103, 0.3340,
0.3781

275.8914, 0.3225,
0.3505

 15.7869, 0.3371,
0.3863

329.9555, 0.3219,
0.3493

 9.3735, 0.3413,
0.3976

390.6579, 0.3214,

 4.9856, 0.3472,

0.3481

0.4143

458.3830, 0.3210,
0.3471

■ 2.2388, 0.3556,
0.4415

■ 0.7410, 0.4122,
0.5878

■ 91.6906, 0.3267,
0.3603

■ 91.6906, 0.3267,
0.3603

■ 89.5004, 0.3380,
0.3868

■ 94.1158, 0.3154,
0.3350

■ 87.5241, 0.3490,
0.4139

■ 95.9191, 0.3119,
0.3233

■ 85.7560, 0.3591,
0.4406

■ 96.2413, 0.3130,
0.3233

■ 84.1859, 0.3679,
0.4659

■ 82.8020, 0.3748,
0.4888

■ 81.5917, 0.3794,
0.5079

■ 80.5401, 0.3813,
0.5226

■ 79.6294, 0.3807,
0.5325

■ 79.0152, 0.3789,
0.5374

Harmonies

Analogous

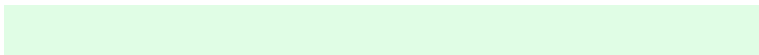
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6906, 0.3411, 0.3578



91.6906, 0.3267, 0.3603



91.6906, 0.3088, 0.3538

Triad

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



91.6906, 0.3267, 0.3603



91.6906, 0.2787, 0.3091



91.6906, 0.3331, 0.3180

Complementary

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



91.6906, 0.3267, 0.3603



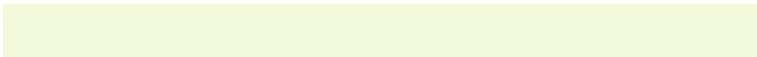
73.0085, 0.2976, 0.2966

Split Complementary

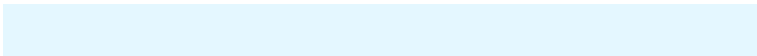
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6906, 0.3158, 0.3059



91.6906, 0.3267, 0.3603



91.6906, 0.2847, 0.3005

Square

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



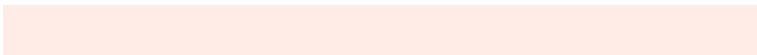
91.6906, 0.3267, 0.3603



91.6906, 0.2815, 0.3235



91.6906, 0.2982, 0.2995



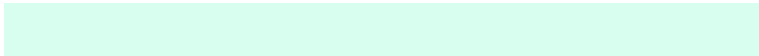
91.6906, 0.3450, 0.3331

Rectangle

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



91.6906, 0.3267, 0.3603



91.6906, 0.2974, 0.3453



91.6906, 0.2982, 0.2995



91.6906, 0.3277, 0.3135

Sweetspot

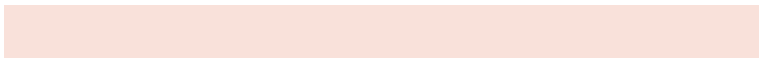
The Sweet Spot groups the original color and five complimentary colors.



91.6946, 0.3267, 0.3603



98.9229, 0.3172, 0.3388



78.9102, 0.3345, 0.3359



21.1312, 0.3180, 0.3407



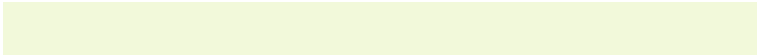
0.0000, 0.0000, 0.0000



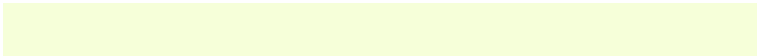
21.4041, 0.3127, 0.3290

Same Dimension

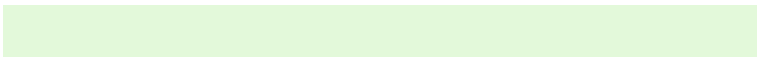
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6946, 0.3267, 0.3603



96.1635, 0.3296, 0.3670



89.1219, 0.3168, 0.3613



19.9800, 0.3234, 0.3527



42.3561, 0.3795, 0.5368



3.9698, 0.3845, 0.5329

Inverse Universe

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



73.0085, 0.2976, 0.2966



72.7973, 0.2941, 0.2894



75.5561, 0.3080, 0.2976



16.8335, 0.3014, 0.3047



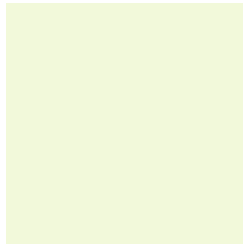
4.1732, 0.1622, 0.0667



0.4318, 0.1732, 0.0728

Previews

White Background



This preview shows how the Yxy color 91.6906, 0.3267, 0.3603 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 91.6906, 0.3267, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

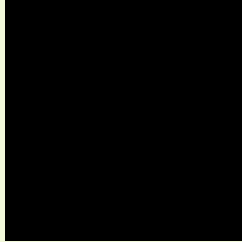
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

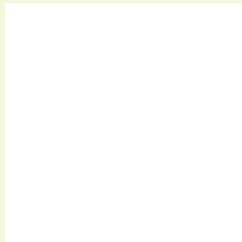
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6906, 0.3267, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 91.6906, 0.3267, 0.3603.

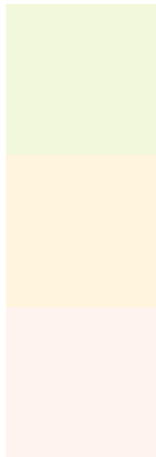


This preview shows how white text looks on a background with the Yxy color 91.6906, 0.3267, 0.3603.

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

91.6906, 0.3267, 0.3603

Protanopia

91.7321, 0.3347, 0.3537

Deuteranopia

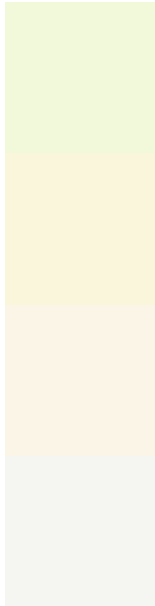
91.5932, 0.3230, 0.3329



Tritanopia

91.6955, 0.3081, 0.3183

Trichromacy



Original Color

91.6906, 0.3267, 0.3603

Protanomaly

91.3500, 0.3318, 0.3559

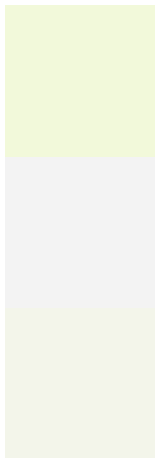
Deuteranomaly

91.3983, 0.3245, 0.3429

Tritanomaly

91.7348, 0.3145, 0.3330

Monochromacy



Original Color

91.6906, 0.3267, 0.3603

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.3000, 0.3180, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6906, 0.3267, 0.3603 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(242, 249, 218)` looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 218)  
}
```

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(242, 249, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 218) }
```

Border

The CSS property to change the border of an element to Yxy 91.6906, 0.3267, 0.3603 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(242, 249, 218) }
```

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

```
.border{ border-color:rgb(242, 249, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 249, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 249, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 249, 218); box-shadow:4px 4px 4px 4px rgb(242, 249, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6906, 0.3267, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 249, 218) }
```

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

```
.background{ background-color: rgb(242,  
249, 218) }
```

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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