

Converting Colors

$Yxy(91.4089, 0.3298, 0.3459)$

Have a look what the booklet for
Yxy(91.4089, 0.3298, 0.3459)
contains.

Yxy(91.3182, 0.3297, 0.3458)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.3182, 0.3297, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	FEF4E3
RGB	254, 244, 227
RGB Percent	100%, 96%, 89%
CMY	0.0042, 0.0430, 0.1099
CMYK	0.00, 0.04, 0.11, 0.00
HSL	38°, 93%, 94%
HSV	38°, 11%, 100%
XYZ	87.0665, 91.3182, 85.6933
YIQ	245.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

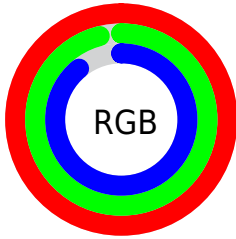
Format	Color
R_{YB}	243, 254, 227
Decimal	16708835
CIE Lab	96.54, 0.50, 9.38
CIE LCh	97, 9.396, 86.919
Yxy	91.3182, 0.3297, 0.3458
Android (android.graphics.Color)	4294898915 (0xFFFEF4E3)
YUV	245.0520, -8.8996, 7.8474
Hunter-Lab	95.5606, -4.5972, 13.7244

Details

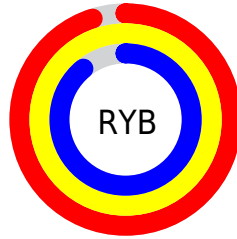
The Yxy color **91.3182, 0.3297, 0.3458** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.9751, 0.2961, 0.3116**, and the grayscale version is **91.4152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8153, 0.3329, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **84.5501, 0.3475, 0.3624**, and if you desaturate by 10%, it is **98.5851, 0.3136, 0.3299**.

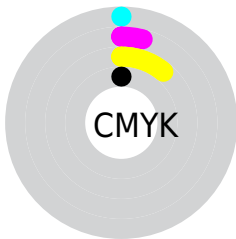
Distribution



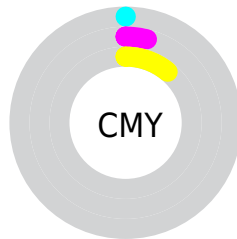
- Red (100%)
- Green (96%)
- Blue (89%)



- Red (95%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.3182, 0.3297, 0.3458 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 91.3182, 0.3297, 0.3458 by changing the saturation by 10% instead.

 91.3182, 0.3297,
0.3458

 91.3182, 0.3297,
0.3458


532.3096, 0.3221,
0.3383

 69.0745, 0.3314,
0.3474


149.1681, 0.3271,
0.3433

 50.7724, 0.3334,
0.3494


185.5430, 0.3261,
0.3423

 36.0275, 0.3359,
0.3519


227.3972, 0.3252,
0.3414

 24.4554, 0.3391,
0.3550

275.1149, 0.3245,
0.3406

 15.6718, 0.3433,
0.3591

329.0806, 0.3238,
0.3400

 9.2922, 0.3491,
0.3648

389.6787, 0.3232,

 4.9323, 0.3575,

0.3394

0.3731

457.2936, 0.3226,
0.3388

■ 2.2076, 0.3710,
0.3862

■ 0.7241, 0.4499,
0.4650

■ 91.3182, 0.3297,
0.3458

■ 91.3182, 0.3297,
0.3458

■ 84.5501, 0.3475,
0.3624

■ 98.5851, 0.3136,
0.3299

■ 78.2555, 0.3671,
0.3794

99.7974, 0.3121,
0.3290

■ 72.4247, 0.3882,
0.3961

■ 67.0426, 0.4104,
0.4118

■ 62.0934, 0.4329,
0.4253

■ 57.5596, 0.4547,
0.4354

■ 53.4217, 0.4746,
0.4411

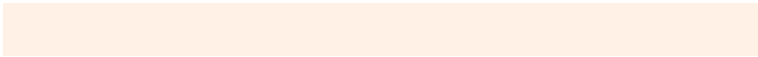
■ 49.6573, 0.4915,
0.4416

■ 46.4327, 0.5045,
0.4376

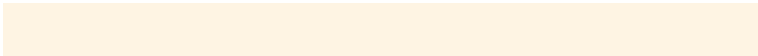
Harmonies

Analogous

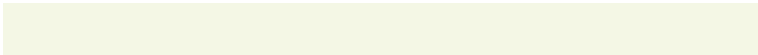
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3182, 0.3334, 0.3398



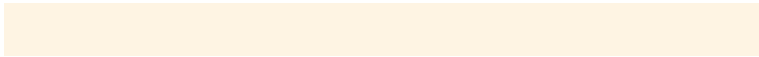
91.3182, 0.3297, 0.3458



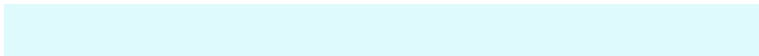
91.3182, 0.3215, 0.3473

Triad

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



91.3182, 0.3297, 0.3458



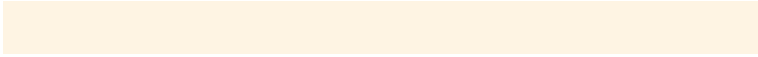
91.3182, 0.2944, 0.3264



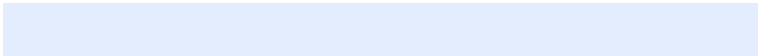
91.3182, 0.3142, 0.3150

Complementary

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



91.3182, 0.3297, 0.3458



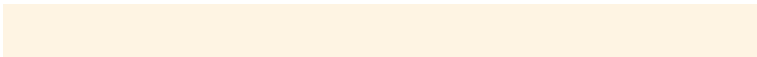
83.9751, 0.2961, 0.3116

Split Complementary

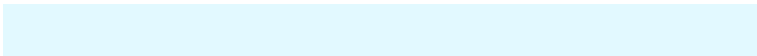
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3182, 0.3038, 0.3114



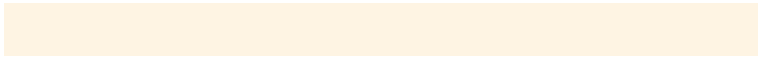
91.3182, 0.3297, 0.3458



91.3182, 0.2925, 0.3177

Square

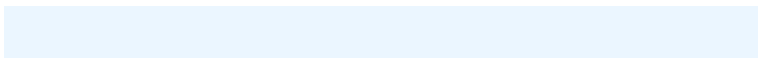
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.3182, 0.3297, 0.3458



91.3182, 0.3011, 0.3359



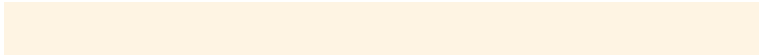
91.3182, 0.2959, 0.3123



91.3182, 0.3243, 0.3222

Rectangle

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



91.3182, 0.3297, 0.3458



91.3182, 0.3146, 0.3454



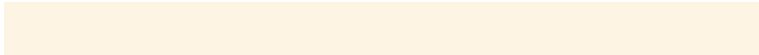
91.3182, 0.2959, 0.3123



91.3182, 0.3106, 0.3133

Sweetspot

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



91.3222, 0.3297, 0.3458



97.7376, 0.3173, 0.3336



82.1162, 0.3247, 0.3188



20.7921, 0.3186, 0.3349



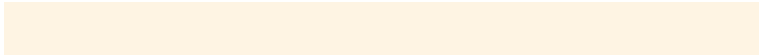
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



91.3222, 0.3297, 0.3458



90.5227, 0.3338, 0.3497



96.8523, 0.3266, 0.3554



19.9033, 0.3278, 0.3440



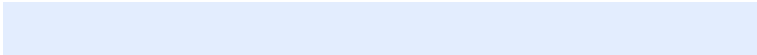
24.7866, 0.5028, 0.4390



2.6221, 0.4907, 0.4486

Inverse Universe

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



83.9751, 0.2961, 0.3116



81.5855, 0.2922, 0.3074



78.9208, 0.2980, 0.3015



18.4701, 0.2979, 0.3135



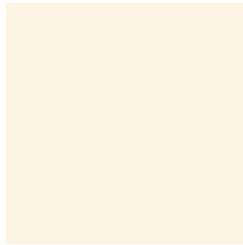
8.1827, 0.1657, 0.1165



0.9966, 0.1720, 0.1390

Previews

White Background



This preview shows how the Yxy color 91.3182, 0.3297, 0.3458 looks on a white background.

Color Contrast Check

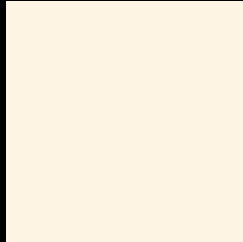
Large Text (above 18pt) WCAG AA × Fail

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 91.3182, 0.3297, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

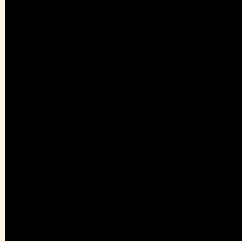
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.3182, 0.3297, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 91.3182, 0.3297, 0.3458.

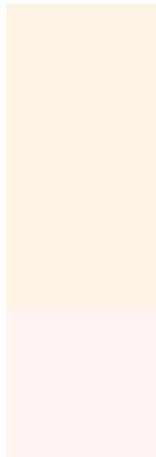


This preview shows how white text looks on a background with the Yxy color 91.3182, 0.3297, 0.3458.

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

91.3182, 0.3297, 0.3458

Protanopia

91.3182, 0.3297, 0.3458

Deuteranopia

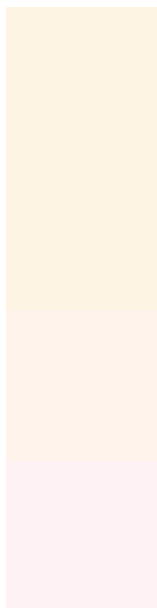
91.0555, 0.3225, 0.3310



Tritanopia

91.3906, 0.3133, 0.3156

Trichromacy



Original Color

91.3182, 0.3297, 0.3458

Protanomaly

91.3182, 0.3297, 0.3458

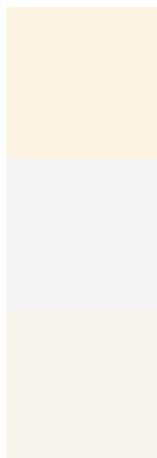
Deuteranomaly

91.3593, 0.3255, 0.3368

Tritanomaly

91.3568, 0.3194, 0.3261

Monochromacy



Original Color

91.3182, 0.3297, 0.3458

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.4343, 0.3189, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3182, 0.3297, 0.3458 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(254, 244, 227)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 227)  
}
```

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(254, 244, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 227) }
```

Border

The CSS property to change the border of an element to Yxy 91.3182, 0.3297, 0.3458 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(254, 244, 227) }
```

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

```
.border{ border-color:rgb(254, 244, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 244, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3182, 0.3297, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 227) }
```

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

```
.background{ background-color: rgb(254,  
244, 227) }
```

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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