

Converting Colors

$Yxy(90.8176, 0.3312, 0.3458)$

Have a look what the booklet for
Yxy(90.8176, 0.3312, 0.3458)
contains.

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Color

Yxy(90.8522, 0.3312, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3E2
RGB	255, 243, 226
RGB Percent	100%, 95%, 89%
CMY	0.0000, 0.0471, 0.1136
CMYK	0.00, 0.05, 0.11, 0.00
HSL	35°, 100%, 94%
HSV	35°, 11%, 100%
XYZ	87.0415, 90.8522, 84.9128
YIQ	244.6500, 12.6090, -2.7430

Conversions

Conversions Part 2

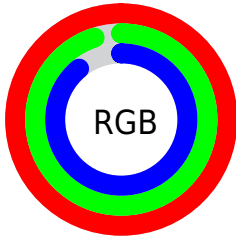
Format	Color
R _Y B	246, 255, 226
Decimal	16774114
CIE Lab	96.35, 1.28, 9.61
CIE LCh	96, 9.699, 82.387
Yxy	90.8522, 0.3312, 0.3457
Android (android.graphics.Color)	4294964194 (0xFFFFF3E2)
YUV	244.6500, -9.1944, 9.0770
Hunter-Lab	95.3164, -3.8002, 13.9029

Details

The Yxy color **90.8522, 0.3312, 0.3457** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5641, 0.2949, 0.3117**, and the grayscale version is **91.0733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.4867, 0.3347, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **83.3948, 0.3495, 0.3612**, and if you desaturate by 10%, it is **98.8602, 0.3148, 0.3309**.

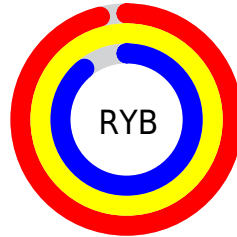
Distribution



Red (100%)

Green (95%)

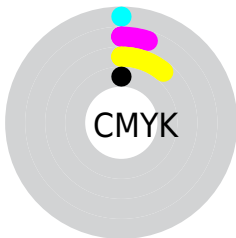
Blue (89%)



Red (96%)

Yellow (100%)

Blue (89%)

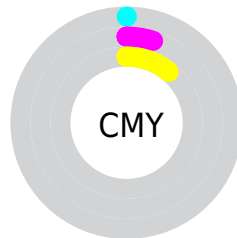


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.8522, 0.3312, 0.3457 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 90.8522, 0.3312, 0.3457 by changing the saturation by 10% instead.

 90.8522, 0.3312,
0.3457

 90.8522, 0.3312,
0.3457


530.7991, 0.3230,
0.3383

 68.6877, 0.3330,
0.3473


148.5216, 0.3284,
0.3432

 50.4574, 0.3352,
0.3493


184.7952, 0.3273,
0.3422

 35.7770, 0.3379,
0.3517


226.5407, 0.3263,
0.3413

 24.2620, 0.3414,
0.3548

274.1423, 0.3255,
0.3406

 15.5281, 0.3460,
0.3589

327.9846, 0.3248,
0.3399

 9.1908, 0.3524,
0.3645

388.4519, 0.3241,

 4.8659, 0.3617,

0.3393

0.3726

455.9286, 0.3235,
0.3388

■ 2.1688, 0.3766,
0.3855

■ 0.7029, 0.4677,
0.4700

■ 90.8522, 0.3312,
0.3457

■ 90.8522, 0.3312,
0.3457

■ 83.3948, 0.3495,
0.3612

■ 98.8602, 0.3148,
0.3309

■ 76.5063, 0.3698,
0.3770

■ 100.0000, 0.3127,
0.3290

■ 70.1593, 0.3920,
0.3926

■ 64.3367, 0.4156,
0.4070

■ 59.0204, 0.4399,
0.4194

■ 54.1902, 0.4637,
0.4283

■ 49.8242, 0.4857,
0.4326

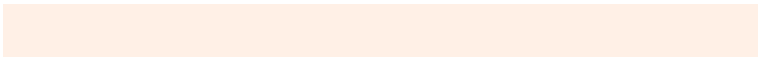
■ 45.8969, 0.5046,
0.4315

■ 42.8288, 0.5183,
0.4267

Harmonies

Analogous

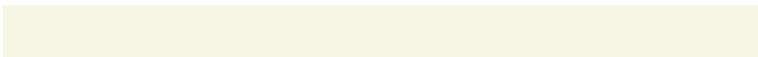
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8522, 0.3341, 0.3390



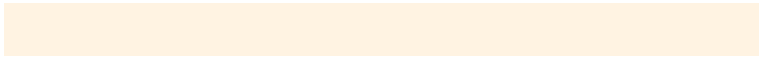
90.8522, 0.3312, 0.3457



90.8522, 0.3233, 0.3480

Triad

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



90.8522, 0.3312, 0.3457



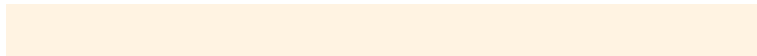
90.8522, 0.2945, 0.3278



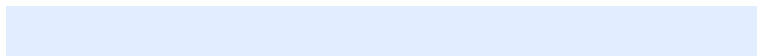
90.8522, 0.3125, 0.3137

Complementary

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



90.8522, 0.3312, 0.3457



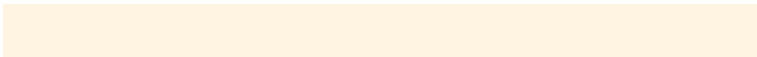
84.5641, 0.2949, 0.3117

Split Complementary

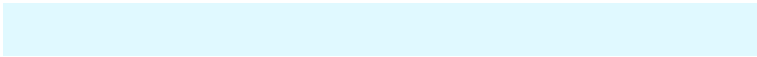
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.8522, 0.3020, 0.3106



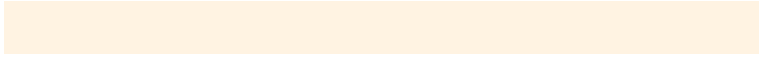
90.8522, 0.3312, 0.3457



90.8522, 0.2918, 0.3185

Square

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



90.8522, 0.3312, 0.3457



90.8522, 0.3021, 0.3376



90.8522, 0.2945, 0.3123



90.8522, 0.3233, 0.3206

Rectangle

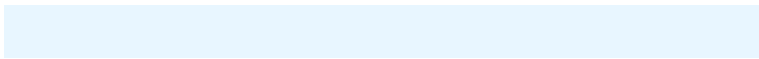
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.8522, 0.3312, 0.3457



90.8522, 0.3163, 0.3466



90.8522, 0.2945, 0.3123



90.8522, 0.3089, 0.3121

Sweetspot

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



90.8411, 0.3311, 0.3457



97.5092, 0.3173, 0.3333



81.8418, 0.3251, 0.3171



20.7304, 0.3186, 0.3345



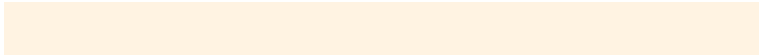
0.0000, 0.0000, 0.0000



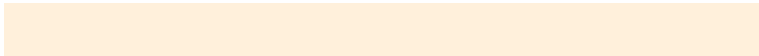
21.4041, 0.3127, 0.3290

Same Dimension

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



90.8411, 0.3311, 0.3457



88.8240, 0.3358, 0.3497



97.8169, 0.3282, 0.3573



19.7537, 0.3280, 0.3429



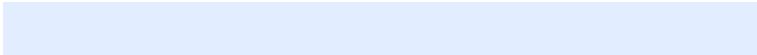
22.6806, 0.5162, 0.4283



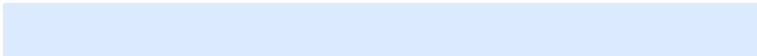
2.4240, 0.5021, 0.4395

Inverse Universe

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



84.5641, 0.2949, 0.3117



81.2334, 0.2906, 0.3074



78.1884, 0.2963, 0.2993



18.6155, 0.2979, 0.3147



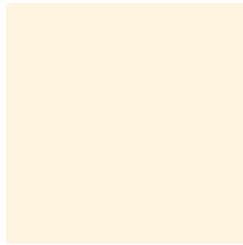
9.4116, 0.1695, 0.1302



1.1258, 0.1757, 0.1524

Previews

White Background



This preview shows how the Yxy color 90.8522, 0.3312, 0.3457 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 90.8522, 0.3312, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

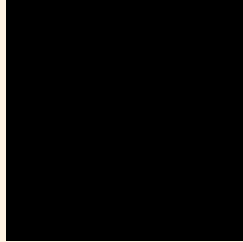
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.8522, 0.3312, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 90.8522, 0.3312, 0.3457.

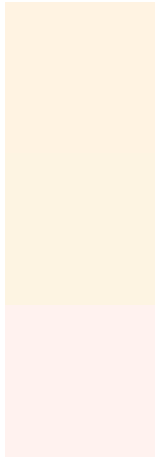


This preview shows how white text looks on a background with the Yxy color 90.8522, 0.3312, 0.3457.

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

90.8522, 0.3312, 0.3457

Protanopia

91.0750, 0.3297, 0.3468

Deuteranopia

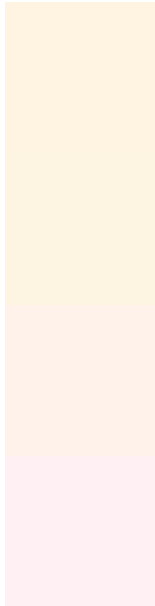
90.9963, 0.3231, 0.3320



Tritanopia

90.6720, 0.3146, 0.3165

Trichromacy



Original Color

90.8522, 0.3312, 0.3457

Protanomaly

91.2632, 0.3304, 0.3467

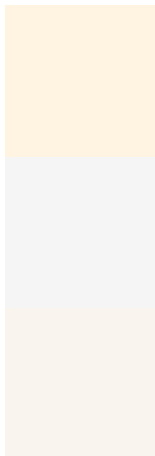
Deuteranomaly

90.7048, 0.3262, 0.3369

Tritanomaly

90.6417, 0.3207, 0.3271

Monochromacy



Original Color

90.8522, 0.3312, 0.3457

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.0142, 0.3196, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8522, 0.3312, 0.3457 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(255, 243, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 226)  
}
```

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(255, 243, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 226) }
```

Border

The CSS property to change the border of an element to Yxy 90.8522, 0.3312, 0.3457 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(255, 243, 226) }
```

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

```
.border{ border-color:rgb(255, 243, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 243, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 243, 226); box-shadow:4px 4px 4px 4px rgb(255, 243, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8522, 0.3312, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 226) }
```

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

```
.background{ background-color: rgb(255,  
243, 226) }
```

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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