

Converting Colors

$Yxy(97.8150, 0.3253, 0.3344)$

Have a look what the booklet for
Yxy(97.8150, 0.3253, 0.3344)
contains.

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Color

Yxy(96.1629, 0.3194, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAF4
RGB	255, 250, 244
RGB Percent	100%, 98%, 96%
CMY	0.0002, 0.0195, 0.0431
CMYK	0.00, 0.02, 0.04, 0.00
HSL	33°, 99%, 98%
HSV	33°, 4%, 100%
XYZ	91.7396, 96.1629, 99.3224
YIQ	250.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

Format	Color
R_{YB}	253, 255, 244
Decimal	16775924
CIE _{Lab}	98.50, 0.61, 3.44
CIE _{LCh}	98, 3.496, 79.941
Yxy	96.1629, 0.3194, 0.3348
Android (android.graphics.Color)	4294966004 (0xFFFFFAF4)
YUV	250.8110, -3.3578, 3.6738
Hunter-Lab	98.0627, -4.6193, 8.5923

Details

The Yxy color 96.1629, 0.3194, 0.3348 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.1597, 0.3061, 0.3231, and the grayscale version is 96.3268, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.2202, 0.3205, 0.3364 is the 20% darker color. If you saturate the color by 10%, you get 87.8087, 0.3365, 0.3489, and if you desaturate by 10%, it is 99.9889, 0.3127, 0.3290.

Distribution



Red (100%)

Green (98%)

Blue (96%)



Red (99%)

Yellow (100%)

Blue (96%)



Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.1629, 0.3194, 0.3348 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 96.1629, 0.3194, 0.3348 by changing the saturation by 10% instead.

 96.1629, 0.3194,
0.3348

 96.1629, 0.3194,
0.3348


547.8812, 0.3165,
0.3323

 73.1032, 0.3200,
0.3354


155.8702, 0.3184,
0.3339

 54.0604, 0.3208,
0.3360

193.2867, 0.3180,
0.3336

 38.6499, 0.3218,
0.3368


236.2575, 0.3177,
0.3333

 26.4875, 0.3230,
0.3379

285.1671, 0.3174,
0.3330

 17.1887, 0.3246,
0.3393

340.3999, 0.3171,
0.3328

 10.3691, 0.3268,
0.3411

402.3402, 0.3169,

 5.6444, 0.3299,

0.3326

0.3438

471.3725, 0.3167,
0.3324

■ 2.6301, 0.3350,
0.3481

■ 0.9418, 0.3455,
0.3573

■ 96.1629, 0.3194,
0.3348

■ 96.1629, 0.3194,
0.3348

■ 87.8087, 0.3365,
0.3489

99.9889, 0.3127,
0.3290

■ 80.0819, 0.3557,
0.3637

■ 72.9694, 0.3772,
0.3786

■ 66.4532, 0.4007,
0.3931

■ 60.5139, 0.4257,
0.4063

■ 55.1308, 0.4514,
0.4170

■ 50.2815, 0.4765,
0.4239

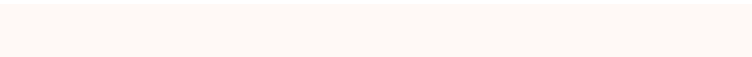
■ 45.9409, 0.4995,
0.4260

■ 42.0800, 0.5190,
0.4224

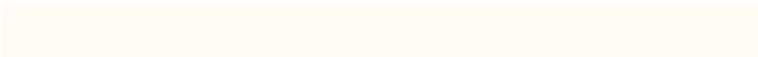
Harmonies

Analogous

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



96.1629, 0.3203, 0.3324



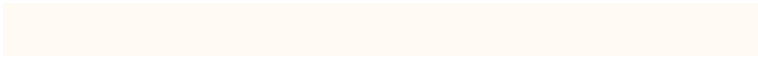
96.1629, 0.3194, 0.3348



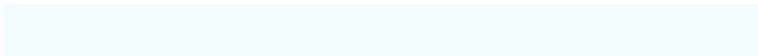
96.1629, 0.3168, 0.3357

Triad

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



96.1629, 0.3194, 0.3348



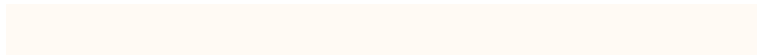
96.1629, 0.3064, 0.3289



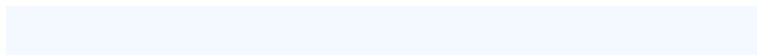
96.1629, 0.3124, 0.3234

Complementary

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



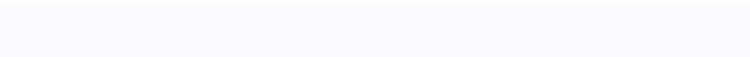
96.1629, 0.3194, 0.3348



94.1597, 0.3061, 0.3231

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.



96.1629, 0.3087, 0.3224



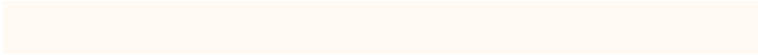
96.1629, 0.3194, 0.3348



96.1629, 0.3053, 0.3256

Square

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



96.1629, 0.3194, 0.3348



96.1629, 0.3093, 0.3323



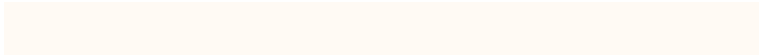
96.1629, 0.3061, 0.3232



96.1629, 0.3162, 0.3258

Rectangle

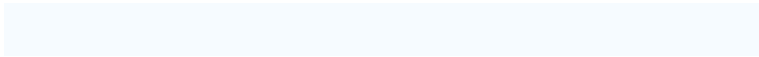
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



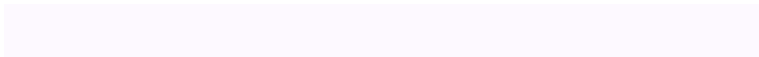
96.1629, 0.3194, 0.3348



96.1629, 0.3143, 0.3353



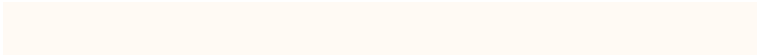
96.1629, 0.3061, 0.3232



96.1629, 0.3111, 0.3229

Sweetspot

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



96.1671, 0.3194, 0.3348



99.1069, 0.3142, 0.3303



92.7928, 0.3168, 0.3243



21.2224, 0.3142, 0.3303



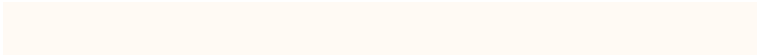
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



96.1671, 0.3194, 0.3348



95.5997, 0.3205, 0.3358



99.1604, 0.3187, 0.3395



20.3327, 0.3217, 0.3368



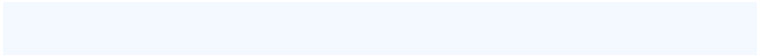
21.2508, 0.5264, 0.4202



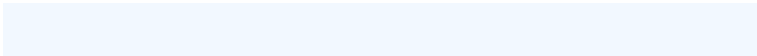
2.2874, 0.5108, 0.4326

Inverse Universe

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



94.1597, 0.3061, 0.3231



93.2685, 0.3050, 0.3221



91.2582, 0.3066, 0.3183



19.7663, 0.3039, 0.3211



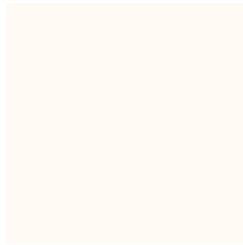
10.4377, 0.1725, 0.1411



1.2308, 0.1786, 0.1628

Previews

White Background



This preview shows how the Yxy color 96.1629, 0.3194, 0.3348 looks on a white background.

Color Contrast Check

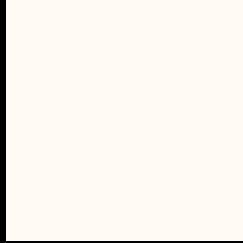
Large Text (above 18pt) WCAG AA × Fail

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 96.1629, 0.3194, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

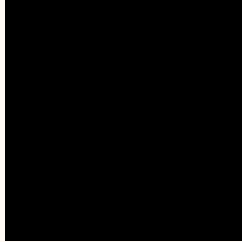
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.1629, 0.3194, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 96.1629, 0.3194, 0.3348.



This preview shows how white text looks on a background with the Yxy color 96.1629, 0.3194, 0.3348.

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

96.1629, 0.3194, 0.3348

Protanopia

96.2850, 0.3183, 0.3329

Deuteranopia

95.9135, 0.3159, 0.3281

Tritanopia

96.4739, 0.3117, 0.3242

Trichromacy

Original Color

96.1629, 0.3194, 0.3348

Protanomaly

96.2238, 0.3188, 0.3338

Deuteranomaly

95.7887, 0.3171, 0.3300

Tritanomaly

96.4071, 0.3147, 0.3280

Monochromacy

Original Color

96.1629, 0.3194, 0.3348

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.4671, 0.3151, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.1629, 0.3194, 0.3348 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, 250, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 244)  
}
```

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, 250, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 244) }
```

Border

The CSS property to change the border of an element to Yxy 96.1629, 0.3194, 0.3348 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, 250, 244) }
```

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

```
.border{ border-color:rgb(255, 250, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 250, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 250, 244); box-shadow:4px 4px 4px 4px rgb(255, 250, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 96.1629, 0.3194, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 244) }
```

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

```
.background{ background-color: rgb(255,  
250, 244) }
```

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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