

Converting Colors

$Y_{xy}(97.2892, 0.3216, 0.3515)$

Have a look what the booklet for
Yxy(97.2892, 0.3216, 0.3515)
contains.

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Color

Yxy(97.3027, 0.3217, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFE8
RGB	248, 255, 232
RGB Percent	97%, 100%, 91%
CMY	0.0275, 0.0000, 0.0903
CMYK	0.03, 0.00, 0.09, 0.00
HSL	78°, 100%, 95%
HSV	78°, 9%, 100%
XYZ	89.0281, 97.3027, 90.4118
YIQ	250.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

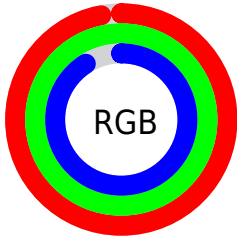
Format	Color
R _Y B	232, 255, 239
Decimal	16318440
CIE Lab	98.95, -6.25, 10.20
CIE LCh	99, 11.964, 121.486
Yxy	97.3027, 0.3217, 0.3516
Android (android.graphics.Color)	4294508520 (0xFF8FFFE8)
YUV	250.2850, -9.0145, -2.0039
Hunter-Lab	98.6421, -11.5210, 14.7064

Details

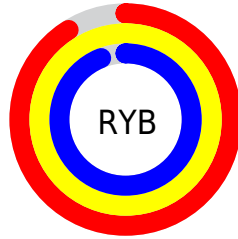
The Yxy color 97.3027, 0.3217, 0.3516 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.2679, 0.3032, 0.3060, and the grayscale version is 95.9114, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.7292, 0.3242, 0.3565 is the 20% darker color. If you saturate the color by 10%, you get 94.5606, 0.3317, 0.3781, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

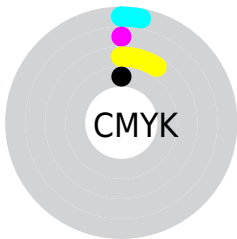
Distribution



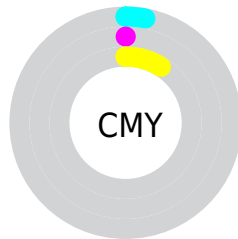
- Red (97%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.3027, 0.3217, 0.3516 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 97.3027, 0.3217, 0.3516 by changing the saturation by 10% instead.


 97.3027, 0.3217,
0.3516

 97.3027, 0.3217,
0.3516


551.5108, 0.3178,
0.3416

 74.0530, 0.3225,
0.3538


157.4421, 0.3204,
0.3482

 54.8374, 0.3235,
0.3565


195.1005, 0.3199,
0.3469

 39.2716, 0.3248,
0.3598


238.3307, 0.3194,
0.3457

 26.9711, 0.3263,
0.3640

287.5169, 0.3190,
0.3447

 17.5515, 0.3283,
0.3696

343.0437, 0.3187,
0.3438

 10.6285, 0.3309,
0.3772

405.2953, 0.3184,

 5.8176, 0.3346,

0.3429

0.3884

474.6562, 0.3181,
0.3422

■ 2.7345, 0.3401,
0.4063

■ 0.9947, 0.3671,
0.4629

■ 97.3027, 0.3217,
0.3516

■ 97.3027, 0.3217,
0.3516

■ 94.5606, 0.3317,
0.3781

100.0000, 0.3127,
0.3290

■ 92.0833, 0.3415,
0.4057

■ 89.8551, 0.3506,
0.4336

■ 87.8649, 0.3585,
0.4608

■ 86.1005, 0.3647,
0.4860

■ 84.5482, 0.3687,
0.5082

■ 83.1928, 0.3702,
0.5261

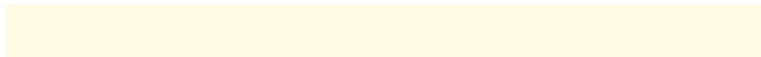
■ 82.0162, 0.3692,
0.5390

■ 80.9920, 0.3658,
0.5473

Harmonies

Analogous

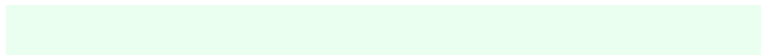
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.3027, 0.3326, 0.3506



97.3027, 0.3217, 0.3516



97.3027, 0.3085, 0.3462

Triad

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



97.3027, 0.3217, 0.3516



97.3027, 0.2878, 0.3135



97.3027, 0.3288, 0.3221

Complementary

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



97.3027, 0.3217, 0.3516



83.2679, 0.3032, 0.3060

Split Complementary

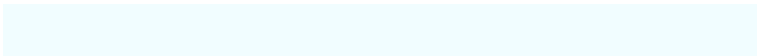
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.3027, 0.3165, 0.3127



97.3027, 0.3217, 0.3516



97.3027, 0.2930, 0.3077

Square

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



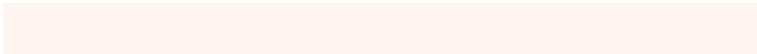
97.3027, 0.3217, 0.3516



97.3027, 0.2892, 0.3238



97.3027, 0.3034, 0.3074



97.3027, 0.3369, 0.3334

Rectangle

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



97.3027, 0.3217, 0.3516



97.3027, 0.3003, 0.3397



97.3027, 0.3034, 0.3074



97.3027, 0.3251, 0.3186

Sweetspot

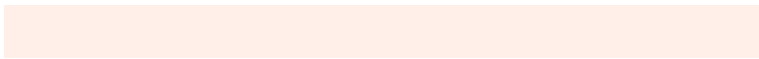
The Sweet Spot groups the original color and five complimentary colors.



97.2975, 0.3217, 0.3516



99.0774, 0.3157, 0.3363



88.7483, 0.3278, 0.3358



21.1548, 0.3165, 0.3383



0.0000, 0.0000, 0.0000



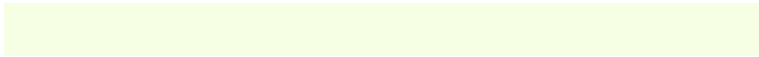
21.4041, 0.3127, 0.3290

Same Dimension

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



97.2975, 0.3217, 0.3516



96.7373, 0.3237, 0.3567



95.2768, 0.3145, 0.3521



20.7966, 0.3222, 0.3528



42.3528, 0.3664, 0.5473



4.1811, 0.3725, 0.5424

Inverse Universe

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



83.2679, 0.3032, 0.3060



79.8785, 0.3009, 0.3007



85.3153, 0.3107, 0.3066



17.6462, 0.3026, 0.3048



4.6813, 0.1706, 0.0713



0.5102, 0.1824, 0.0778

Previews

White Background



This preview shows how the Yxy color 97.3027, 0.3217, 0.3516 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 97.3027, 0.3217, 0.3516 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

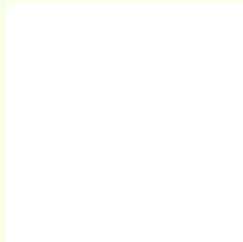
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 97.3027, 0.3217, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 97.3027, 0.3217, 0.3516.



This preview shows how white text looks on a background with the Yxy color 97.3027, 0.3217, 0.3516.

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

97.3027, 0.3217, 0.3516



Protanopia

97.4734, 0.3187, 0.3357

Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy



Original Color

97.3027, 0.3217, 0.3516

Protanomaly

97.2373, 0.3197, 0.3416

Deuteranomaly

96.7873, 0.3180, 0.3377

Tritanomaly

96.8454, 0.3150, 0.3338

Monochromacy



Original Color

97.3027, 0.3217, 0.3516

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.2316, 0.3161, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.3027, 0.3217, 0.3516 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 $rgb(248, 255, 232)$ looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 232)  
}
```

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(248, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 232) }
```

Border

The CSS property to change the border of an element to Yxy 97.3027, 0.3217, 0.3516 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(248, 255, 232) }
```

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

```
.border{ border-color:rgb(248, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 97.3027, 0.3217, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 232) }
```

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

```
.background{ background-color: rgb(248,  
255, 232) }
```

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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