

Converting Colors

$Y_{xy}(92.7915, 0.3266, 0.3630)$

Have a look what the booklet for
Yxy(92.7915, 0.3266, 0.3630)
contains.

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Color

Yxy(92.7049, 0.3265, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	F1FBD9
RGB	241, 251, 217
RGB Percent	95%, 98%, 85%
CMY	0.0546, 0.0157, 0.1490
CMYK	0.04, 0.00, 0.14, 0.02
HSL	78°, 81%, 92%
HSV	78°, 14%, 98%
XYZ	83.3145, 92.7049, 79.1551
YIQ	244.1340, 4.9540, -12.6940

Conversions

Conversions Part 2

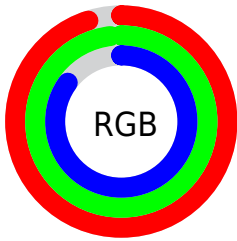
Format	Color
R _Y B	217, 251, 227
Decimal	15858649
CIE Lab	97.11, -9.02, 15.18
CIE LCh	97, 17.656, 120.708
Yxy	92.7049, 0.3265, 0.3633
Android (android.graphics.Color)	4294048729 (0xFFFF1FBD9)
YUV	244.1340, -13.3771, -2.7485
Hunter-Lab	96.2834, -14.0390, 18.6557

Details

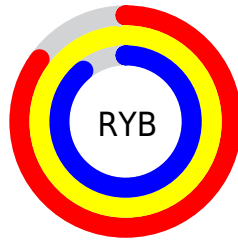
The Yxy color **92.7049, 0.3265, 0.3633** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.9162, 0.2976, 0.2937**, and the grayscale version is **90.6962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9531, 0.3294, 0.3717** is the 20% darker color. If you saturate the color by 10%, you get **90.2359, 0.3367, 0.3903**, and if you desaturate by 10%, it is **95.4325, 0.3163, 0.3377**.

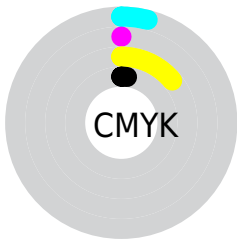
Distribution



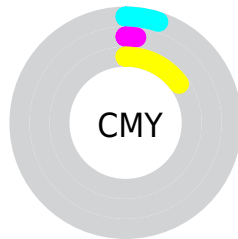
- Red (95%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.7049, 0.3265, 0.3633 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 92.7049, 0.3265, 0.3633 by changing the saturation by 10% instead.


 92.7049, 0.3265,
0.3633

 92.7049, 0.3265,
0.3633

536.7911, 0.3205,
0.3479

 70.2263, 0.3278,
0.3667


151.0900, 0.3245,
0.3580

 51.7110, 0.3293,
0.3709


187.7652, 0.3237,
0.3560

 36.7748, 0.3312,
0.3761


229.9414, 0.3230,
0.3542

 25.0332, 0.3335,
0.3828

278.0030, 0.3224,
0.3526

 16.1018, 0.3365,
0.3917

332.3344, 0.3218,
0.3512

 9.5962, 0.3405,
0.4041

393.3199, 0.3214,

 5.1321, 0.3458,

0.3500

0.4224

461.3440, 0.3209,
0.3489

■ 2.3249, 0.3533,
0.4520

■ 0.7869, 0.4015,
0.5985

■ 92.7049, 0.3265,
0.3633

■ 92.7049, 0.3265,
0.3633

■ 90.2359, 0.3367,
0.3903

■ 95.4325, 0.3163,
0.3377

■ 88.0039, 0.3464,
0.4180

■ 97.4663, 0.3129,
0.3252

■ 86.0026, 0.3553,
0.4455

■ 84.2210, 0.3627,
0.4717

■ 82.6469, 0.3682,
0.4955

■ 81.2667, 0.3714,
0.5156

■ 80.0645, 0.3719,
0.5311

■ 79.0216, 0.3700,
0.5416

■ 78.4146, 0.3677,
0.5463

Harmonies

Analogous

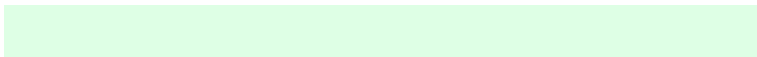
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7049, 0.3429, 0.3612



92.7049, 0.3265, 0.3633



92.7049, 0.3068, 0.3554

Triad

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



92.7049, 0.3265, 0.3633



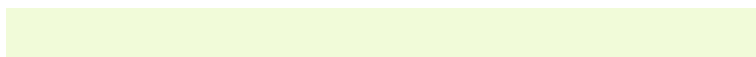
92.7049, 0.2756, 0.3060



92.7049, 0.3365, 0.3182

Complementary

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



92.7049, 0.3265, 0.3633



72.9162, 0.2976, 0.2937

Split Complementary

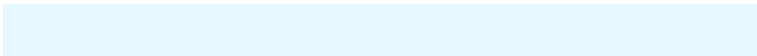
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7049, 0.3178, 0.3046



92.7049, 0.3265, 0.3633



92.7049, 0.2829, 0.2973

Square

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



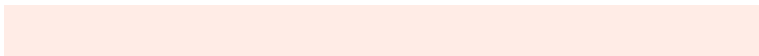
92.7049, 0.3265, 0.3633



92.7049, 0.2778, 0.3214



92.7049, 0.2982, 0.2969



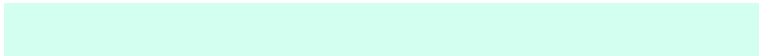
92.7049, 0.3489, 0.3348

Rectangle

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



92.7049, 0.3265, 0.3633



92.7049, 0.2945, 0.3456



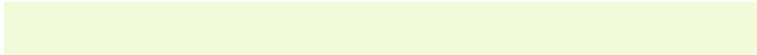
92.7049, 0.2982, 0.2969



92.7049, 0.3307, 0.3132

Sweetspot

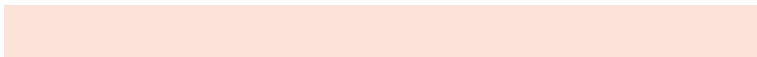
The Sweet Spot groups the original color and five complimentary colors.



92.7089, 0.3265, 0.3633



98.7998, 0.3168, 0.3388



80.2577, 0.3364, 0.3388



21.0999, 0.3175, 0.3407



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

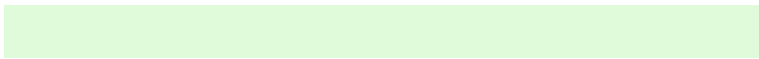
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7089, 0.3265, 0.3633



95.4551, 0.3290, 0.3699



89.9037, 0.3157, 0.3645



19.9213, 0.3224, 0.3528



41.3012, 0.3685, 0.5456



3.8796, 0.3748, 0.5406

Inverse Universe

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



72.9162, 0.2976, 0.2937



71.6018, 0.2945, 0.2868



75.7623, 0.3091, 0.2950



16.8885, 0.3025, 0.3048



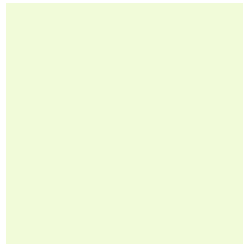
4.4764, 0.1691, 0.0705



0.4665, 0.1814, 0.0773

Previews

White Background



This preview shows how the Yxy color 92.7049, 0.3265, 0.3633 looks on a white background.

Color Contrast Check

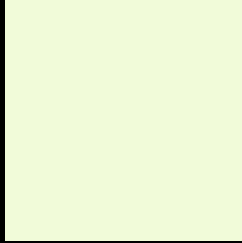
Large Text (above 18pt) WCAG AA × Fail

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 92.7049, 0.3265, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

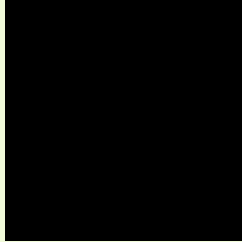
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

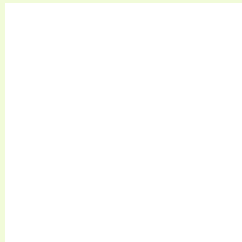
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7049, 0.3265, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 92.7049, 0.3265, 0.3633.

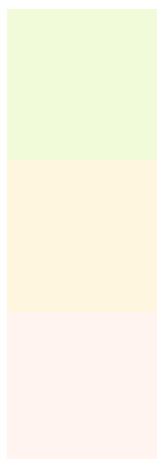


This preview shows how white text looks on a background with the Yxy color 92.7049, 0.3265, 0.3633.

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

92.7049, 0.3265, 0.3633

Protanopia

92.5534, 0.3320, 0.3506

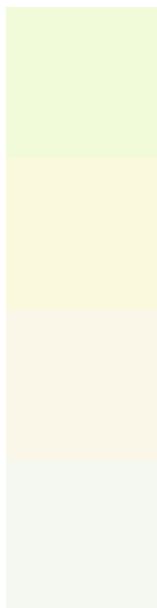
Deuteranopia

92.2526, 0.3223, 0.3329

Tritanopia

92.2990, 0.3081, 0.3193

Trichromacy



Original Color

92.7049, 0.3265, 0.3633

Protanomaly

92.6793, 0.3303, 0.3558

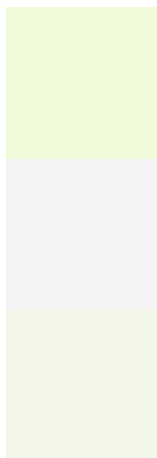
Deuteranomaly

92.6717, 0.3237, 0.3438

Tritanomaly

92.2849, 0.3150, 0.3349

Monochromacy



Original Color

92.7049, 0.3265, 0.3633

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.5167, 0.3179, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7049, 0.3265, 0.3633 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(241, 251, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 251, 217)  
}
```

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(241, 251, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 251, 217) }
```

Border

The CSS property to change the border of an element to Yxy 92.7049, 0.3265, 0.3633 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(241, 251, 217) }
```

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

```
.border{ border-color:rgb(241, 251, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 251, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 251, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 251, 217); box-shadow:4px 4px 4px 4px rgb(241, 251, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7049, 0.3265, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 251, 217) }
```

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

```
.background{ background-color: rgb(241,  
251, 217) }
```

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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