

Converting Colors

Yxy(93.5658, 0.3201, 0.3570)

Have a look what the booklet for
Yxy(93.5658, 0.3201, 0.3570)
contains.

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Color

Yxy(93.2342, 0.3197, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	EEFCE1
RGB	238, 252, 225
RGB Percent	93%, 99%, 88%
CMY	0.0664, 0.0118, 0.1176
CMYK	0.06, 0.00, 0.11, 0.01
HSL	91°, 82%, 94%
HSV	91°, 11%, 99%
XYZ	83.6804, 93.2342, 84.8321
YIQ	244.7360, 0.3230, -11.3650

Conversions

Conversions Part 2

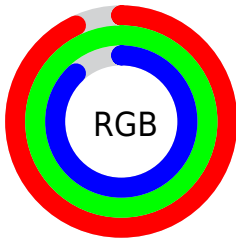
Format	Color
R _Y B	225, 252, 239
Decimal	15662305
CIE Lab	97.32, -9.24, 11.35
CIE LCh	97, 14.638, 129.157
Yxy	93.2342, 0.3197, 0.3562
Android (android.graphics.Color)	4293852385 (0xFFEEFCE1)
YUV	244.7360, -9.7298, -5.9075
Hunter-Lab	96.5579, -14.2819, 15.5005

Details

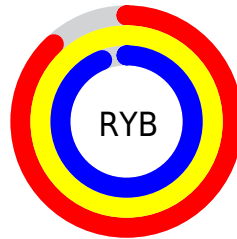
The Yxy color $93.2342, 0.3197, 0.3562$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $79.2271, 0.3051, 0.3019$, and the grayscale version is $91.1786, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $51.8776, 0.3209, 0.3614$ is the 20% darker color. If you saturate the color by 10%, you get $89.7920, 0.3261, 0.3839$, and if you desaturate by 10%, it is $97.0499, 0.3132, 0.3307$.

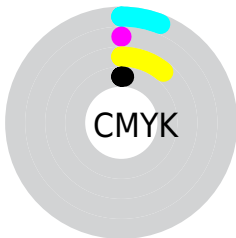
Distribution



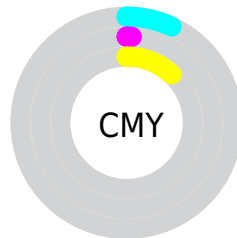
- Red (93%)
- Green (99%)
- Blue (88%)



- Red (88%)
- Yellow (99%)
- Blue (94%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)




- Cyan (7%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2342, 0.3197, 0.3562 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 93.2342, 0.3197, 0.3562 by changing the saturation by 10% instead.


 93.2342, 0.3197,
0.3562

 93.2342, 0.3197,
0.3562

538.4964, 0.3167,
0.3440

 70.6662, 0.3203,
0.3589


151.8228, 0.3187,
0.3520

 52.0698, 0.3211,
0.3622


188.6122, 0.3183,
0.3504

 37.0607, 0.3220,
0.3664


230.9108, 0.3180,
0.3490

 25.2545, 0.3232,
0.3717

279.1031, 0.3176,
0.3477

 16.2668, 0.3246,
0.3787

333.5734, 0.3174,
0.3466

 9.7131, 0.3265,
0.3886

394.7061, 0.3171,

 5.2092, 0.3291,

0.3456

0.4032

462.8856, 0.3169,
0.3448

■ 2.3705, 0.3325,
0.4271

■ 0.8107, 0.3772,
0.5611

■ 93.2342, 0.3197,
0.3562

■ 93.2342, 0.3197,
0.3562

■ 89.7920, 0.3261,
0.3839

■ 97.0499, 0.3132,
0.3307

■ 86.6991, 0.3321,
0.4132

■ 98.0913, 0.3129,
0.3261

■ 83.9463, 0.3373,
0.4436

■ 81.5198, 0.3414,
0.4739

■ 79.4045, 0.3437,
0.5026

■ 77.5838, 0.3441,
0.5282

■ 76.0390, 0.3423,
0.5491

■ 74.7485, 0.3383,
0.5643

■ 73.7470, 0.3332,
0.5737

Harmonies

Analogous

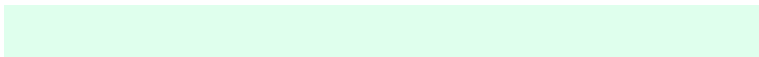
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2342, 0.3344, 0.3569



93.2342, 0.3197, 0.3562



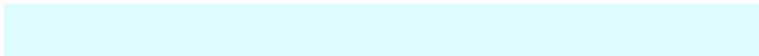
93.2342, 0.3034, 0.3476

Triad

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



93.2342, 0.3197, 0.3562



93.2342, 0.2828, 0.3073



93.2342, 0.3360, 0.3239

Complementary

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



93.2342, 0.3197, 0.3562



79.2271, 0.3051, 0.3019

Split Complementary

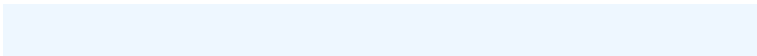
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2342, 0.3216, 0.3114



93.2342, 0.3197, 0.3562



93.2342, 0.2910, 0.3019

Square

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



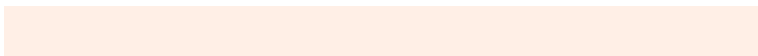
93.2342, 0.3197, 0.3562



93.2342, 0.2824, 0.3188



93.2342, 0.3051, 0.3035



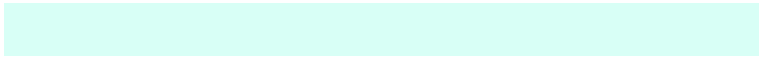
93.2342, 0.3440, 0.3379

Rectangle

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



93.2342, 0.3197, 0.3562



93.2342, 0.2938, 0.3387



93.2342, 0.3051, 0.3035



93.2342, 0.3317, 0.3194

Sweetspot

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



93.2382, 0.3197, 0.3562



98.7761, 0.3147, 0.3364



87.5718, 0.3303, 0.3424



21.0734, 0.3152, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

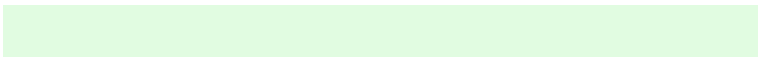
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2382, 0.3197, 0.3562



94.9451, 0.3212, 0.3624



91.0593, 0.3114, 0.3569



19.7215, 0.3189, 0.3530



38.5078, 0.3344, 0.5727



3.6293, 0.3434, 0.5655

Inverse Universe

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



79.2271, 0.3051, 0.3019



77.7256, 0.3033, 0.2957



81.5808, 0.3140, 0.3026



17.0834, 0.3060, 0.3051



6.2223, 0.2053, 0.0905



0.6394, 0.2180, 0.0975

Previews

White Background



This preview shows how the Yxy color 93.2342, 0.3197, 0.3562 looks on a white background.

Color Contrast Check

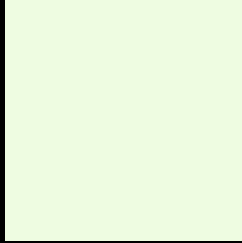
Large Text (above 18pt) WCAG AA × Fail

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 93.2342, 0.3197, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

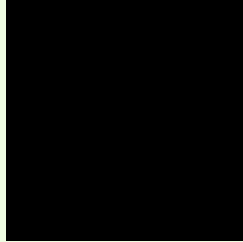
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

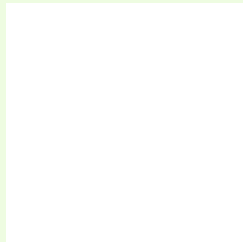
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.2342, 0.3197, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 93.2342, 0.3197, 0.3562.

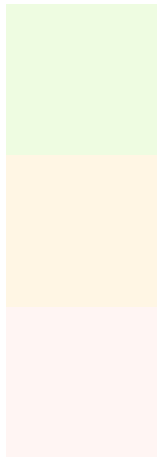


This preview shows how white text looks on a background with the Yxy color 93.2342, 0.3197, 0.3562.

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

93.2342, 0.3197, 0.3562

Protanopia

92.7730, 0.3296, 0.3466

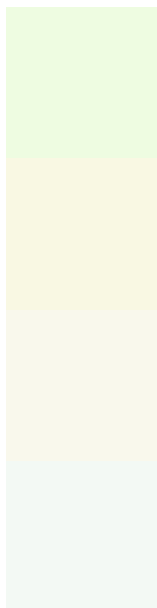
Deuteranopia

93.0359, 0.3204, 0.3310

Tritanopia

93.3344, 0.3074, 0.3212

Trichromacy



Original Color

93.2342, 0.3197, 0.3562

Protanomaly

92.8206, 0.3260, 0.3498

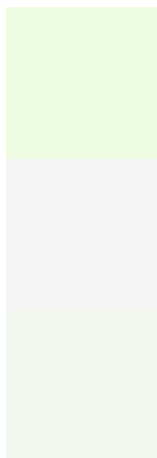
Deuteranomaly

93.3307, 0.3205, 0.3408

Tritanomaly

93.3377, 0.3119, 0.3339

Monochromacy



Original Color

93.2342, 0.3197, 0.3562

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.1851, 0.3148, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2342, 0.3197, 0.3562 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(238, 252, 225)` looks like.

```
.text, #text, p{  
    color:rgb(238, 252, 225)  
}
```

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(238, 252, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 252, 225) }
```

Border

The CSS property to change the border of an element to Yxy 93.2342, 0.3197, 0.3562 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(238, 252, 225) }
```

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

```
.border{ border-color:rgb(238, 252, 225) }
```

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

Here you see how a box with a 4 pixel rgb(238, 252, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 252, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 252, 225);  
box-shadow:4px 4px 4px 4px rgb(238, 252,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2342, 0.3197, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 252, 225) }
```

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

```
.background{ background-color: rgb(238,  
252, 225) }
```

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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