

Converting Colors

$Y_{xy}(100.0000, 0.3558, 0.3508)$

Have a look what the booklet for
Yxy(100.0000, 0.3558, 0.3508)
contains.

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Color

Yxy(93.1092, 0.3325, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7DF
RGB	255, 247, 223
RGB Percent	100%, 97%, 87%
CMY	0.0003, 0.0313, 0.1255
CMYK	0.00, 0.03, 0.13, 0.00
HSL	45°, 100%, 94%
HSV	45°, 13%, 100%
XYZ	87.8015, 93.1092, 83.1540
YIQ	246.6560, 12.4720, -5.7680

Conversions

Conversions Part 2

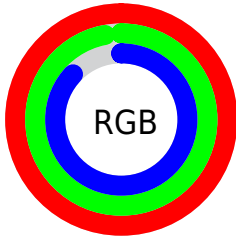
Format	Color
R _Y B	234, 255, 223
Decimal	16775135
CIE Lab	97.27, -1.28, 12.48
CIE LCh	97, 12.550, 95.869
Yxy	93.1092, 0.3325, 0.3526
Android (android.graphics.Color)	4294965215 (0xFFFFF7DF)
YUV	246.6560, -11.6624, 7.3177
Hunter-Lab	96.4931, -6.4413, 16.4514

Details

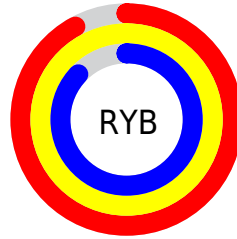
The Yxy color **93.1092, 0.3325, 0.3526** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.0027, 0.2929, 0.3042**, and the grayscale version is **92.8027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0945, 0.3364, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **88.0439, 0.3497, 0.3722**, and if you desaturate by 10%, it is **98.5204, 0.3165, 0.3336**.

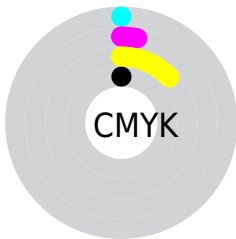
Distribution



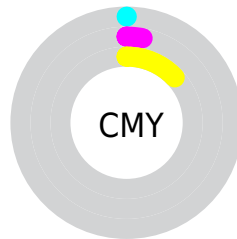
- Red (100%)
- Green (97%)
- Blue (87%)



- Red (92%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1092, 0.3325, 0.3526 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 93.1092, 0.3325, 0.3526 by changing the saturation by 10% instead.


 93.1092, 0.3325,
0.3526

 93.1092, 0.3325,
0.3526


538.0939, 0.3238,
0.3421

 70.5623, 0.3344,
0.3549


151.6498, 0.3295,
0.3490

 51.9851, 0.3367,
0.3577


188.4122, 0.3284,
0.3476

 36.9932, 0.3396,
0.3611


230.6820, 0.3274,
0.3464

 25.2022, 0.3432,
0.3655

278.8434, 0.3265,
0.3454

 16.2278, 0.3479,
0.3713

333.2809, 0.3257,
0.3444

 9.6855, 0.3544,
0.3792

394.3789, 0.3250,

 5.1909, 0.3637,

0.3436

0.3907

462.5218, 0.3243,
0.3428

■ 2.3597, 0.3781,
0.4087

■ 0.8050, 0.4757,
0.5219

■ 93.1092, 0.3325,
0.3526

■ 93.1092, 0.3325,
0.3526

■ 88.0439, 0.3497,
0.3722

■ 98.5204, 0.3165,
0.3336

■ 83.3018, 0.3680,
0.3920

99.9876, 0.3127,
0.3290

■ 78.8757, 0.3869,
0.4112

■ 74.7535, 0.4058,
0.4289

■ 70.9221, 0.4240,
0.4440

■ 67.3667, 0.4406,
0.4555

■ 64.0707, 0.4547,
0.4624

■ 61.0139, 0.4658,
0.4644

■ 58.8645, 0.4723,
0.4632

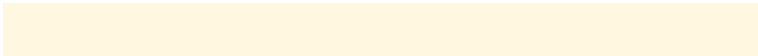
Harmonies

Analogous

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



93.1092, 0.3395, 0.3461



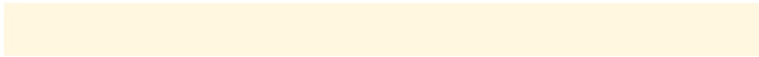
93.1092, 0.3325, 0.3526



93.1092, 0.3203, 0.3527

Triad

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



93.1092, 0.3325, 0.3526



93.1092, 0.2870, 0.3217



93.1092, 0.3188, 0.3129

Complementary

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



93.1092, 0.3325, 0.3526



80.0027, 0.2929, 0.3042

Split Complementary

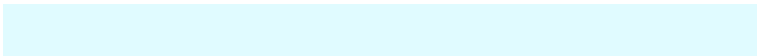
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.1092, 0.3047, 0.3066



93.1092, 0.3325, 0.3526



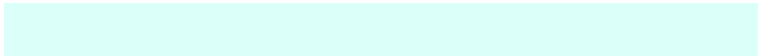
93.1092, 0.2866, 0.3113

Square

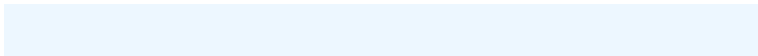
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.1092, 0.3325, 0.3526



93.1092, 0.2941, 0.3345



93.1092, 0.2930, 0.3059



93.1092, 0.3315, 0.3233

Rectangle

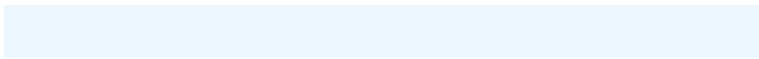
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.1092, 0.3325, 0.3526



93.1092, 0.3109, 0.3489



93.1092, 0.2930, 0.3059



93.1092, 0.3141, 0.3102

Sweetspot

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



93.1133, 0.3325, 0.3526



97.7596, 0.3188, 0.3364



79.7907, 0.3301, 0.3211



20.8357, 0.3200, 0.3378



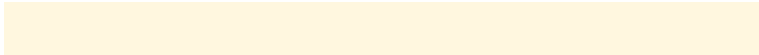
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



93.1133, 0.3325, 0.3526



91.8823, 0.3367, 0.3574



96.5710, 0.3263, 0.3606



20.2840, 0.3275, 0.3468



31.0239, 0.4712, 0.4640



3.1927, 0.4640, 0.4698

Inverse Universe

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



80.0027, 0.2929, 0.3042



76.4463, 0.2887, 0.2989



76.9764, 0.2980, 0.2964



18.1082, 0.2979, 0.3106



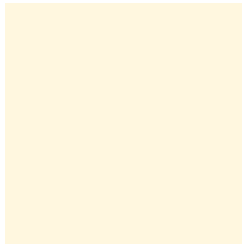
5.8340, 0.1578, 0.0880



0.7316, 0.1635, 0.1087

Previews

White Background



This preview shows how the Yxy color 93.1092, 0.3325, 0.3526 looks on a white background.

Color Contrast Check

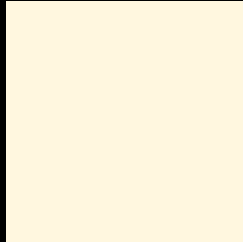
Large Text (above 18pt) WCAG AA × Fail

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 93.1092, 0.3325, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

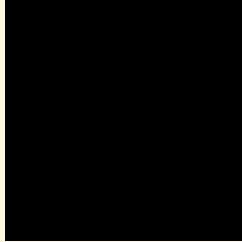
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.1092, 0.3325, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 93.1092, 0.3325, 0.3526.

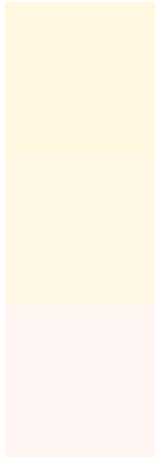


This preview shows how white text looks on a background with the Yxy color 93.1092, 0.3325, 0.3526.

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

93.1092, 0.3325, 0.3526

Protanopia

93.4387, 0.3288, 0.3466

Deuteranopia

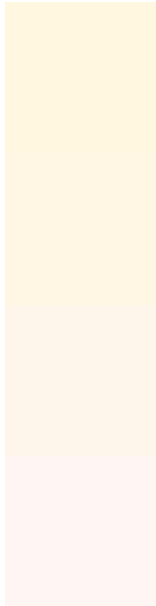
92.9756, 0.3210, 0.3319



Tritanopia

93.1814, 0.3132, 0.3185

Trichromacy



Original Color

93.1092, 0.3325, 0.3526

Protanomaly

93.3276, 0.3301, 0.3486

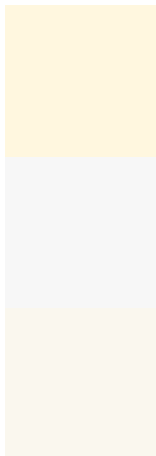
Deuteranomaly

93.1697, 0.3252, 0.3397

Tritanomaly

93.0359, 0.3204, 0.3310

Monochromacy



Original Color

93.1092, 0.3325, 0.3526

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.0186, 0.3200, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1092, 0.3325, 0.3526 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, 247, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 223)  
}
```

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, 247, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 223) }
```

Border

The CSS property to change the border of an element to Yxy 93.1092, 0.3325, 0.3526 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, 247, 223) }
```

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

```
.border{ border-color:rgb(255, 247, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1092, 0.3325, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 223) }
```

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

```
.background{ background-color: rgb(255,  
247, 223) }
```

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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