

Converting Colors

$Y_{xy}(91.7039, 0.3582, 0.4041)$

Have a look what the booklet for
Yxy(91.7039, 0.3582, 0.4041)
contains.

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Color

Yxy(91.7904, 0.3582, 0.4041)

Conversions

Conversions Part 1

Format	Color
Hex	FAFAAF
RGB	250, 250, 175
RGB Percent	98%, 98%, 69%
CMY	0.0194, 0.0197, 0.3137
CMYK	0.00, 0.00, 0.30, 0.02
HSL	60°, 88%, 83%
HSV	60°, 30%, 98%
XYZ	81.3643, 91.7904, 53.9930
YIQ	241.4500, 24.0750, -23.3250

Conversions

Conversions Part 2

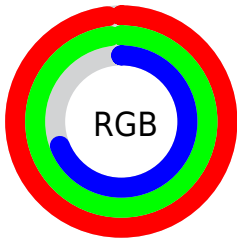
Format	Color
RYB	175, 250, 175
Decimal	16448175
CIELab	96.73, -11.17, 36.07
CIELCh	97, 37.757, 107.209
Yxy	91.7904, 0.3582, 0.4041
Android (android.graphics.Color)	4294638255 (0xFFFAFAAF)
YUV	241.4500, -32.7598, 7.4984
Hunter-Lab	95.8073, -16.0717, 33.6517

Details

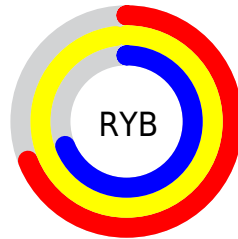
The Yxy color **91.7904, 0.3582, 0.4041** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **46.7147, 0.2594, 0.2410**, and the grayscale version is **88.5946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **51.3262, 0.3669, 0.4204** is the 20% darker color. If you saturate the color by 10%, you get **90.8866, 0.3728, 0.4282**, and if you desaturate by 10%, it is **92.8844, 0.3430, 0.3790**.

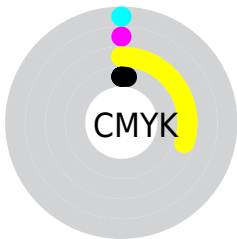
Distribution



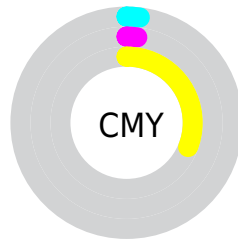
- Red (98%)
- Green (98%)
- Blue (69%)



- Red (69%)
- Yellow (98%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7904, 0.3582, 0.4041 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 91.7904, 0.3582, 0.4041 by changing the saturation by 10% instead.


 91.7904, 0.3582,
0.4041

 91.7904, 0.3582,
0.4041


533.8379, 0.3387,
0.3704

 69.4666, 0.3622,
0.4115


 149.8229, 0.3518,
0.3927

 51.0918, 0.3670,
0.4204


186.3003, 0.3492,
0.3881

 36.2816, 0.3727,
0.4314


228.2643, 0.3469,
0.3842

 24.6518, 0.3795,
0.4452

276.0994, 0.3449,
0.3808

 15.8178, 0.3877,
0.4630

330.1899, 0.3431,
0.3777

 9.3953, 0.3974,
0.4863

390.9202, 0.3415,

 4.9999, 0.4086,

0.3750

0.5187

458.6747, 0.3400,
0.3726

■ 2.2472, 0.4260,
0.5740

■ 0.7456, 0.3690,
0.6310

■ 91.7904, 0.3582,
0.4041

■ 91.7904, 0.3582,
0.4041

■ 90.8866, 0.3728,
0.4282

■ 92.8844, 0.3430,
0.3790

■ 90.1506, 0.3862,
0.4503

■ 94.1655, 0.3277,
0.3537

■ 89.5754, 0.3978,
0.4694


■ 95.6465, 0.3127,
0.3290

■ 89.1487, 0.4070,
0.4847

■ 95.9768, 0.3098,
0.3243


 88.8565, 0.4137,
0.4956


 95.9913, 0.3098,
0.3243

 88.6819, 0.4177,
0.5022

 96.0058, 0.3098,
0.3243

 88.5974, 0.4195,
0.5051

 96.0203, 0.3098,
0.3243

 96.0348, 0.3098,
0.3244

 96.0493, 0.3098,
0.3244

Harmonies

Analogous

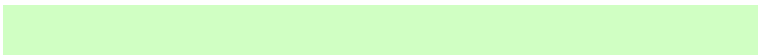
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7904, 0.3877, 0.3876



91.7904, 0.3582, 0.4041



91.7904, 0.3176, 0.3985

Triad

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



91.7904, 0.3582, 0.4041



91.7904, 0.2354, 0.2914



91.7904, 0.3461, 0.2925

Complementary

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



91.7904, 0.3582, 0.4041



46.7147, 0.2594, 0.2410

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.



91.7904, 0.3032, 0.2701



91.7904, 0.3582, 0.4041



91.7904, 0.2416, 0.2678

Square

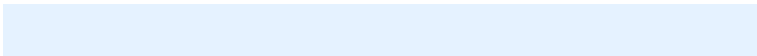
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.7904, 0.3582, 0.4041



91.7904, 0.2479, 0.3288



91.7904, 0.2655, 0.2610



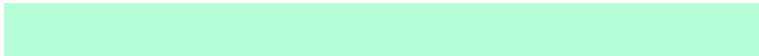
91.7904, 0.3813, 0.3236

Rectangle

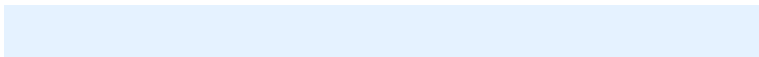
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.7904, 0.3582, 0.4041



91.7904, 0.2901, 0.3815



91.7904, 0.2655, 0.2610



91.7904, 0.3320, 0.2838

Sweetspot

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



91.7945, 0.3582, 0.4041



98.5954, 0.3262, 0.3512



54.1458, 0.3793, 0.3279



21.0583, 0.3284, 0.3548



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

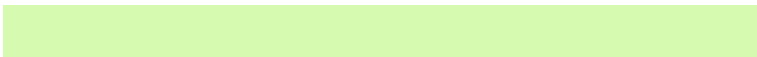
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.7945, 0.3582, 0.4041



95.3769, 0.3671, 0.4188



85.7675, 0.3333, 0.4107



20.1879, 0.3269, 0.3524



46.9712, 0.4195, 0.5051



4.3512, 0.4195, 0.5051

Inverse Universe

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



46.7147, 0.2594, 0.2410



41.3236, 0.2468, 0.2200



51.4629, 0.2859, 0.2471



16.6457, 0.2979, 0.3045



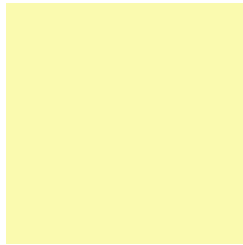
3.6649, 0.1500, 0.0601



0.3403, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 91.7904, 0.3582, 0.4041 looks on a white background.

Color Contrast Check

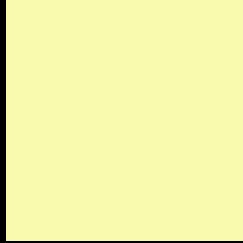
Large Text (above 18pt) WCAG AA × Fail

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 91.7904, 0.3582, 0.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

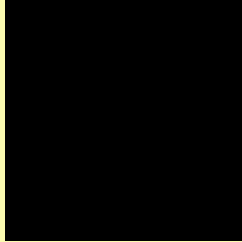
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.7904, 0.3582, 0.4041

Background



This preview shows how black text looks on a background with the Yxy color 91.7904, 0.3582, 0.4041.

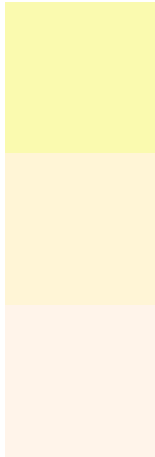


This preview shows how white text looks on a background with the Yxy color 91.7904, 0.3582, 0.4041.

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

91.7904, 0.3582, 0.4041

Protanopia

91.4199, 0.3385, 0.3597

Deuteranopia

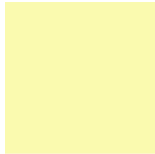
91.9019, 0.3260, 0.3388



Tritanopia

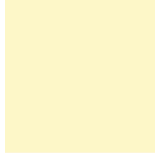
91.9200, 0.3139, 0.3175

Trichromacy



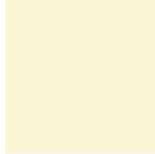
Original Color

91.7904, 0.3582, 0.4041



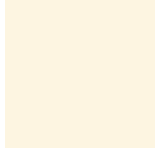
Protanomaly

91.5743, 0.3456, 0.3758



Deuteranomaly

91.5983, 0.3376, 0.3618



Tritanomaly

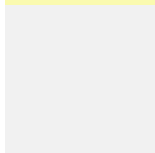
91.6237, 0.3302, 0.3487

Monochromacy



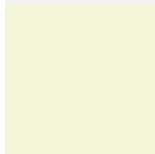
Original Color

91.7904, 0.3582, 0.4041



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

88.9442, 0.3292, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7904, 0.3582, 0.4041 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(250, 250, 175)` looks like.

```
.text, #text, p{  
    color:rgb(250, 250, 175)  
}
```

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(250, 250, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 250, 175) }
```

Border

The CSS property to change the border of an element to Yxy 91.7904, 0.3582, 0.4041 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(250, 250, 175) }
```

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

```
.border{ border-color:rgb(250, 250, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 250, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 250, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 250, 175);  
box-shadow:4px 4px 4px 4px rgb(250, 250,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7904, 0.3582, 0.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 250, 175) }
```

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

```
.background{ background-color: rgb(250,  
250, 175) }
```

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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