

Converting Colors

$Yxy(87.3676, 0.3518, 0.3794)$

Have a look what the booklet for
Yxy(87.3676, 0.3518, 0.3794)
contains.

Yxy(87.3676, 0.3518, 0.3794)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(87.3676, 0.3518, 0.3794)

Conversions

Conversions Part 1

Format	Color
Hex	FCF1BF
RGB	252, 241, 191
RGB Percent	99%, 95%, 75%
CMY	0.0117, 0.0549, 0.2509
CMYK	0.00, 0.04, 0.24, 0.01
HSL	49°, 91%, 87%
HSV	49°, 24%, 99%
XYZ	81.0119, 87.3676, 61.8988
YIQ	238.5890, 22.6060, -13.2180

Conversions

Conversions Part 2

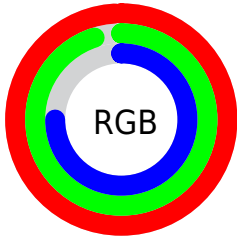
Format	Color
R_{YB}	204, 252, 191
Decimal	16576959
CIE _{Lab}	94.89, -3.92, 25.52
CIE _{LCh}	95, 25.816, 98.743
Yxy	87.3676, 0.3518, 0.3794
Android (android.graphics.Color)	4294767039 (0xFFFCF1BF)
YUV	238.5890, -23.4614, 11.7614
Hunter-Lab	93.4706, -8.8659, 26.1660

Details

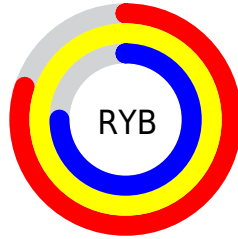
The Yxy color **87.3676, 0.3518, 0.3794** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.3745, 0.2722, 0.2730**, and the grayscale version is **86.1587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **48.1062, 0.3605, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **83.6926, 0.3693, 0.4006**, and if you desaturate by 10%, it is **91.3088, 0.3350, 0.3581**.

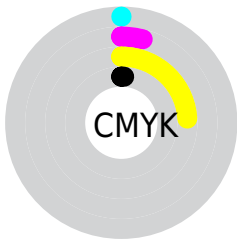
Distribution



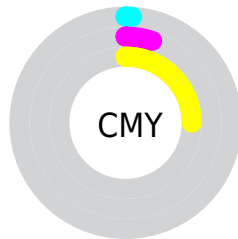
- Red (99%)
- Green (95%)
- Blue (75%)



- Red (80%)
- Yellow (99%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.3676, 0.3518, 0.3794 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 87.3676, 0.3518, 0.3794 by changing the saturation by 10% instead.


 87.3676, 0.3518,
0.3794

 87.3676, 0.3518,
0.3794


519.4300, 0.3345,
0.3567

 65.7995, 0.3556,
0.3844

 143.6764, 0.3460,
0.3717

 48.1096, 0.3601,
0.3905


179.1858, 0.3436,
0.3686

 33.9137, 0.3656,
0.3980

220.1112, 0.3416,
0.3660

 22.8273, 0.3726,
0.4075

266.8368, 0.3398,
0.3637

 14.4660, 0.3816,
0.4200

319.7471, 0.3383,
0.3617

 8.4455, 0.3934,
0.4369

379.2265, 0.3369,

 4.3813, 0.4092,

0.3598

0.4606

445.6593, 0.3356,
0.3582

■ 1.8891, 0.4634,
0.5334

■ 0.5418, 0.4362,
0.5638

■ 87.3676, 0.3518,
0.3794

■ 87.3676, 0.3518,
0.3794

■ 83.6926, 0.3693,
0.4006

■ 91.3088, 0.3350,
0.3581

■ 80.2617, 0.3868,
0.4209

■ 95.5140, 0.3191,
0.3374

■ 77.0679, 0.4039,
0.4394

■ 99.2239, 0.3109,
0.3287

■ 74.0987, 0.4196,
0.4550

■ 99.4394, 0.3109,
0.3290

■ 71.3405, 0.4333,
0.4667

■ 68.7774, 0.4444,
0.4739

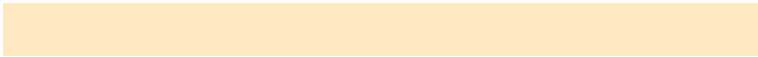
■ 66.3902, 0.4525,
0.4763

■ 65.0706, 0.4561,
0.4761

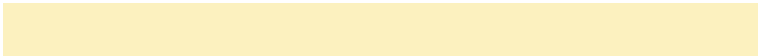
Harmonies

Analogous

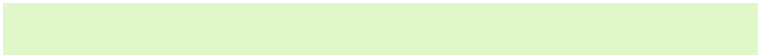
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3676, 0.3684, 0.3657



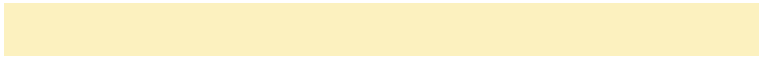
87.3676, 0.3518, 0.3794



87.3676, 0.3251, 0.3792

Triad

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



87.3676, 0.3518, 0.3794



87.3676, 0.2591, 0.3102



87.3676, 0.3280, 0.2978

Complementary

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



87.3676, 0.3518, 0.3794



60.3745, 0.2722, 0.2730

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.



87.3676, 0.2983, 0.2841



87.3676, 0.3518, 0.3794



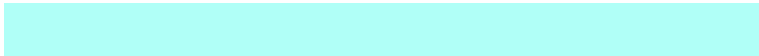
87.3676, 0.2597, 0.2899

Square

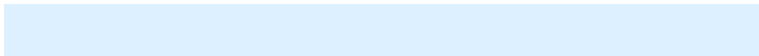
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3676, 0.3518, 0.3794



87.3676, 0.2721, 0.3374



87.3676, 0.2736, 0.2809



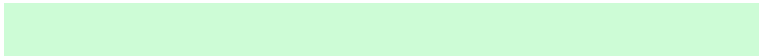
87.3676, 0.3545, 0.3191

Rectangle

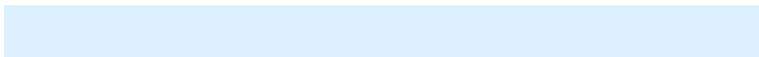
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3676, 0.3518, 0.3794



87.3676, 0.3054, 0.3703



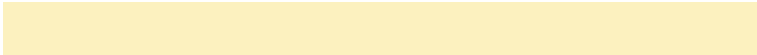
87.3676, 0.2736, 0.2809



87.3676, 0.3180, 0.2922

Sweetspot

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



87.3715, 0.3518, 0.3794



96.8622, 0.3234, 0.3432



62.2473, 0.3543, 0.3175



20.6760, 0.3244, 0.3444



0.0000, 0.0000, 0.0000



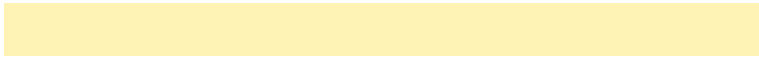
21.4041, 0.3127, 0.3290

Same Dimension

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



87.3715, 0.3518, 0.3794



87.8856, 0.3602, 0.3897



90.6711, 0.3363, 0.3923



19.6258, 0.3273, 0.3483



34.0892, 0.4554, 0.4766



3.2916, 0.4503, 0.4807

Inverse Universe

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



60.3745, 0.2722, 0.2730



55.8183, 0.2631, 0.2600



58.0552, 0.2846, 0.2628



17.1502, 0.2979, 0.3090



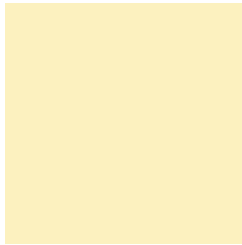
4.8111, 0.1546, 0.0765



0.5798, 0.1600, 0.0958

Previews

White Background



This preview shows how the Yxy color 87.3676, 0.3518, 0.3794 looks on a white background.

Color Contrast Check

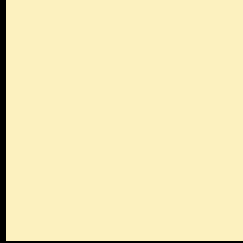
Large Text (above 18pt) WCAG AA × Fail

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 87.3676, 0.3518, 0.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

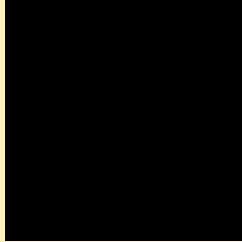
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.3676, 0.3518, 0.3794

Background



This preview shows how black text looks on a background with the Yxy color 87.3676, 0.3518, 0.3794.



This preview shows how white text looks on a background with the Yxy color 87.3676, 0.3518, 0.3794.

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

87.3676, 0.3518, 0.3794

Protanopia

87.4304, 0.3529, 0.3761

Deuteranopia

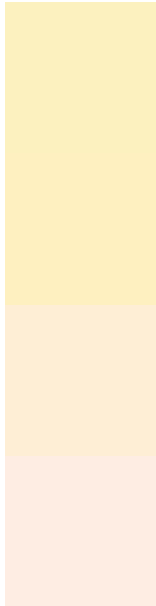
87.2646, 0.3325, 0.3409



Tritanopia

87.4540, 0.3180, 0.3164

Trichromacy



Original Color

87.3676, 0.3518, 0.3794

Protanomaly

87.1968, 0.3528, 0.3772

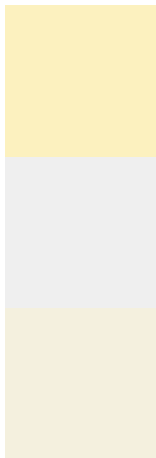
Deuteranomaly

87.0240, 0.3395, 0.3540

Tritanomaly

87.1853, 0.3305, 0.3389

Monochromacy



Original Color

87.3676, 0.3518, 0.3794

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.8272, 0.3266, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.3676, 0.3518, 0.3794 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(252, 241, 191)` looks like.

```
.text, #text, p{  
    color:rgb(252, 241, 191)  
}
```

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(252, 241, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 241, 191) }
```

Border

The CSS property to change the border of an element to Yxy 87.3676, 0.3518, 0.3794 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(252, 241, 191) }
```

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

```
.border{ border-color:rgb(252, 241, 191) }
```

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

Here you see how a box with a 4 pixel rgb(252, 241, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 241, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 241, 191);  
box-shadow:4px 4px 4px 4px rgb(252, 241,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 87.3676, 0.3518, 0.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 241, 191) }
```

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

```
.background{ background-color: rgb(252,  
241, 191) }
```

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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