

Converting Colors

$Yxy(87.6057, 0.3435, 0.3604)$

Have a look what the booklet for
Yxy(87.6057, 0.3435, 0.3604)
contains.

Yxy(87.5471, 0.3433, 0.3600)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(87.5471, 0.3433, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFD0
RGB	255, 239, 208
RGB Percent	100%, 94%, 82%
CMY	0.0000, 0.0627, 0.1844
CMYK	0.00, 0.06, 0.18, 0.00
HSL	40°, 100%, 91%
HSV	40°, 18%, 100%
XYZ	83.4859, 87.5471, 72.1534
YIQ	240.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

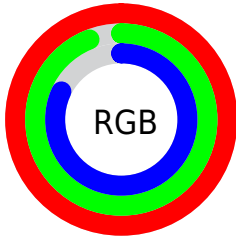
Format	Color
R_{YB}	232, 255, 208
Decimal	16773072
CIE _{Lab}	94.97, 0.53, 16.96
CIE _{LCh}	95, 16.969, 88.223
Yxy	87.5471, 0.3433, 0.3600
Android (android.graphics.Color)	4294963152 (0xFFFFEFD0)
YUV	240.2500, -15.8992, 12.9358
Hunter-Lab	93.5666, -4.4729, 19.7755

Details

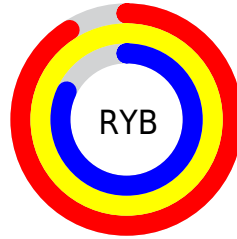
The Yxy color **87.5471, 0.3433, 0.3600** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.9097, 0.2831, 0.2959**, and the grayscale version is **87.4591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.2058, 0.3497, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **81.4421, 0.3622, 0.3776**, and if you desaturate by 10%, it is **94.1050, 0.3260, 0.3429**.

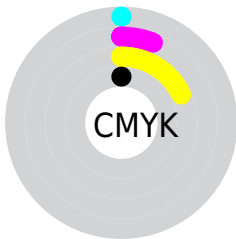
Distribution



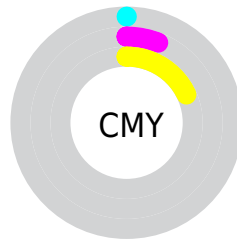
- Red (100%)
- Green (94%)
- Blue (82%)



- Red (91%)
- Yellow (100%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (0%)




- Cyan (0%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.5471, 0.3433, 0.3600 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 87.5471, 0.3433, 0.3600 by changing the saturation by 10% instead.

 87.5471, 0.3433,
0.3600

 87.5471, 0.3433,
0.3600


520.0189, 0.3296,
0.3462

 65.9481, 0.3463,
0.3630


143.9265, 0.3386,
0.3553

 48.2302, 0.3500,
0.3667


179.4756, 0.3368,
0.3534

 34.0092, 0.3545,
0.3713


220.4435, 0.3352,
0.3518

 22.9007, 0.3603,
0.3772

267.2146, 0.3338,
0.3504

 14.5202, 0.3680,
0.3848

320.1733, 0.3326,
0.3492

 8.4834, 0.3785,
0.3953

379.7040, 0.3315,

 4.4058, 0.3936,

0.3481

0.4104

446.1911, 0.3305,
0.3471

■ 1.9030, 0.4206,
0.4373

■ 0.5502, 0.4934,
0.5066

■ 87.5471, 0.3433,
0.3600

■ 87.5471, 0.3433,
0.3600

■ 81.4421, 0.3622,
0.3776

■ 94.1050, 0.3260,
0.3429

■ 75.7652, 0.3825,
0.3951

99.9981, 0.3127,
0.3290

■ 70.5066, 0.4038,
0.4117

■ 65.6512, 0.4254,
0.4263

■ 61.1828, 0.4463,
0.4378

■ 57.0833, 0.4654,
0.4450

■ 53.3317, 0.4818,
0.4472

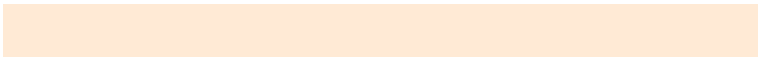
■ 49.9004, 0.4949,
0.4444

■ 49.3883, 0.4968,
0.4437

Harmonies

Analogous

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



87.5471, 0.3506, 0.3490



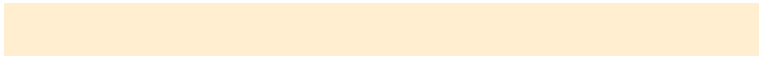
87.5471, 0.3433, 0.3600



87.5471, 0.3278, 0.3628

Triad

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



87.5471, 0.3433, 0.3600



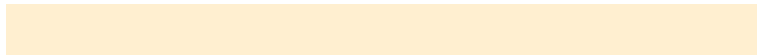
87.5471, 0.2791, 0.3230



87.5471, 0.3161, 0.3042

Complementary

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



87.5471, 0.3433, 0.3600



73.9097, 0.2831, 0.2959

Split Complementary

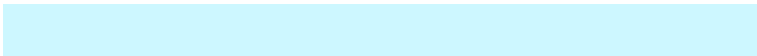
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.5471, 0.2970, 0.2973



87.5471, 0.3433, 0.3600



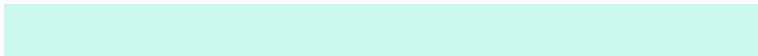
87.5471, 0.2762, 0.3075

Square

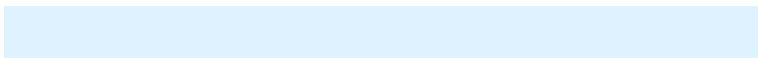
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.5471, 0.3433, 0.3600



87.5471, 0.2908, 0.3410



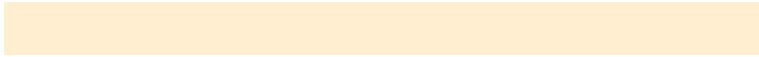
87.5471, 0.2826, 0.2983



87.5471, 0.3347, 0.3172

Rectangle

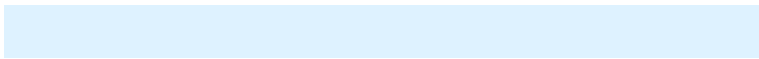
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.5471, 0.3433, 0.3600



87.5471, 0.3150, 0.3592



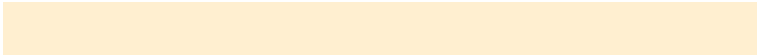
87.5471, 0.2826, 0.2983



87.5471, 0.3095, 0.3011

Sweetspot

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



87.5510, 0.3433, 0.3600



95.7808, 0.3220, 0.3388



71.7614, 0.3366, 0.3125



20.4049, 0.3231, 0.3399



0.0000, 0.0000, 0.0000



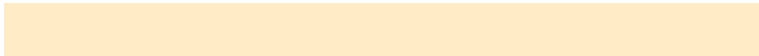
21.4041, 0.3127, 0.3290

Same Dimension

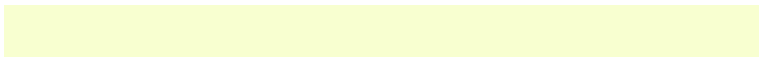
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5510, 0.3433, 0.3600



85.3328, 0.3499, 0.3662



96.0115, 0.3359, 0.3758



19.9900, 0.3278, 0.3446



26.0966, 0.4952, 0.4450



2.7437, 0.4843, 0.4536

Inverse Universe

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



73.9097, 0.2831, 0.2959



69.4727, 0.2770, 0.2887



66.7684, 0.2868, 0.2791



18.3867, 0.2979, 0.3129



7.5523, 0.1637, 0.1092



0.9284, 0.1699, 0.1316

Previews

White Background



This preview shows how the Yxy color 87.5471, 0.3433, 0.3600 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 87.5471, 0.3433, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

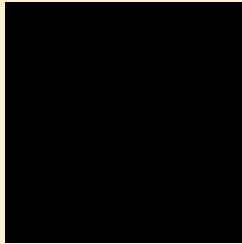
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.5471, 0.3433, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 87.5471, 0.3433, 0.3600.



This preview shows how white text looks on a background with the Yxy color 87.5471, 0.3433, 0.3600.

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

87.5471, 0.3433, 0.3600

Protanopia

87.5697, 0.3410, 0.3611

Deuteranopia

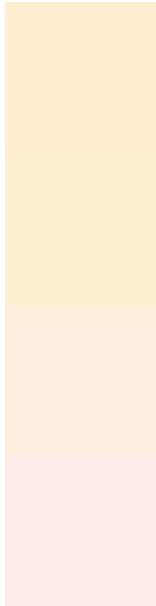
87.4855, 0.3299, 0.3369



Tritanopia

87.4540, 0.3180, 0.3164

Trichromacy



Original Color

87.5471, 0.3433, 0.3600

Protanomaly

87.7569, 0.3417, 0.3611

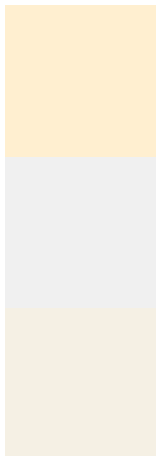
Deuteranomaly

87.6295, 0.3350, 0.3459

Tritanomaly

87.1341, 0.3275, 0.3320

Monochromacy



Original Color

87.5471, 0.3433, 0.3600

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.3341, 0.3235, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.5471, 0.3433, 0.3600 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, 239, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 208)  
}
```

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, 239, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 208) }
```

Border

The CSS property to change the border of an element to Yxy 87.5471, 0.3433, 0.3600 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, 239, 208) }
```

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

```
.border{ border-color:rgb(255, 239, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 87.5471, 0.3433, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 208) }
```

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

```
.background{ background-color: rgb(255,  
239, 208) }
```

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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