

Converting Colors

$Y_{xy}(88.7378, 0.3221, 0.3425)$

Have a look what the booklet for
Yxy(88.7378, 0.3221, 0.3425)
contains.

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Color

Yxy(88.3945, 0.3220, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	F4F2E5
RGB	244, 242, 229
RGB Percent	96%, 95%, 90%
CMY	0.0431, 0.0509, 0.1020
CMYK	0.00, 0.01, 0.06, 0.04
HSL	52°, 41%, 93%
HSV	52°, 6%, 96%
XYZ	83.2009, 88.3945, 86.7925
YIQ	241.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

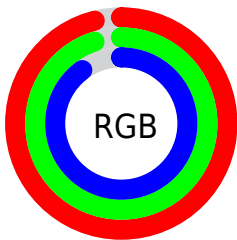
Format	Color
R _Y B	231, 244, 229
Decimal	16052965
CIE Lab	95.33, -1.56, 6.50
CIE LCh	95, 6.686, 103.470
Yxy	88.3945, 0.3220, 0.3421
Android (android.graphics.Color)	4294243045 (0xFFFF4F2E5)
YUV	241.1160, -5.9732, 2.5293
Hunter-Lab	94.0183, -6.5697, 11.0796

Details

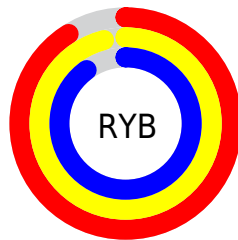
The Yxy color **88.3945, 0.3220, 0.3421** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.3255, 0.3033, 0.3156**, and the grayscale version is **88.1055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8652, 0.3238, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **85.2198, 0.3378, 0.3641**, and if you desaturate by 10%, it is **91.8025, 0.3071, 0.3210**.

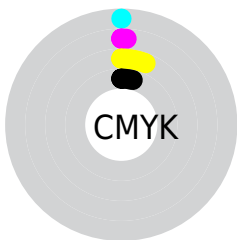
Distribution



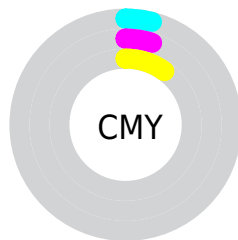
- Red (96%)
- Green (95%)
- Blue (90%)



- Red (91%)
- Yellow (96%)
- Blue (90%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (4%)




- Cyan (4%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3945, 0.3220, 0.3421 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 88.3945, 0.3220, 0.3421 by changing the saturation by 10% instead.


 88.3945, 0.3220,
0.3421

 88.3945, 0.3220,
0.3421


522.7943, 0.3179,
0.3362

 66.6498, 0.3229,
0.3434

145.1063, 0.3206,
0.3401

 48.8001, 0.3240,
0.3450

180.8421, 0.3200,
0.3393

 34.4609, 0.3254,
0.3470


222.0105, 0.3196,
0.3386

 23.2479, 0.3272,
0.3495

268.9959, 0.3191,
0.3380

 14.7767, 0.3295,
0.3529

322.1825, 0.3188,
0.3375

 8.6628, 0.3327,
0.3576

381.9549, 0.3184,

 4.5219, 0.3375,

0.3370

448.6973, 0.3181,
0.3366

0.3646

1.9696, 0.3452,
0.3761

0.5897, 0.4020,
0.4537

88.3945, 0.3220,
0.3421

88.3945, 0.3220,
0.3421

85.2198, 0.3378,
0.3641

91.8025, 0.3071,
0.3210

82.2589, 0.3543,
0.3864

93.8845, 0.3061,
0.3226

79.5068, 0.3711,
0.4085

95.8973, 0.3060,
0.3258

76.9543, 0.3876,
0.4294

97.9447, 0.3060,
0.3289

■ 74.5910, 0.4031,
0.4481

■ 97.9731, 0.3060,
0.3290

■ 72.4059, 0.4170,
0.4636

■ 70.3861, 0.4286,
0.4751

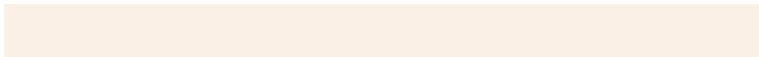
■ 68.5169, 0.4374,
0.4820

■ 66.7797, 0.4434,
0.4845

Harmonies

Analogous

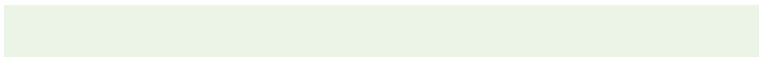
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3945, 0.3266, 0.3395



88.3945, 0.3220, 0.3421



88.3945, 0.3150, 0.3411

Triad

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



88.3945, 0.3220, 0.3421



88.3945, 0.2983, 0.3235



88.3945, 0.3180, 0.3215

Complementary

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



88.3945, 0.3220, 0.3421



80.3255, 0.3033, 0.3156

Split Complementary

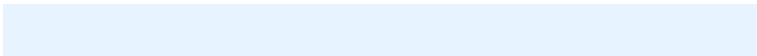
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3945, 0.3103, 0.3173



88.3945, 0.3220, 0.3421



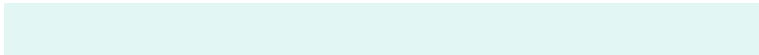
88.3945, 0.2990, 0.3184

Square

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



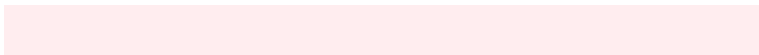
88.3945, 0.3220, 0.3421



88.3945, 0.3013, 0.3303



88.3945, 0.3034, 0.3162



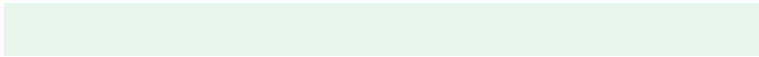
88.3945, 0.3242, 0.3276

Rectangle

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



88.3945, 0.3220, 0.3421



88.3945, 0.3099, 0.3385



88.3945, 0.3034, 0.3162



88.3945, 0.3155, 0.3198

Sweetspot

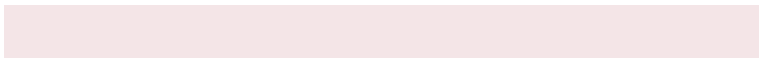
The Sweet Spot groups the original color and five complimentary colors.



88.3983, 0.3220, 0.3421



99.2449, 0.3157, 0.3332



81.0317, 0.3218, 0.3270



21.2505, 0.3155, 0.3330



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.



88.3983, 0.3220, 0.3421



97.4016, 0.3233, 0.3440



88.6204, 0.3182, 0.3442



19.0496, 0.3242, 0.3452



36.1071, 0.4448, 0.4850



3.2754, 0.4411, 0.4879

Inverse Universe

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



80.3255, 0.3033, 0.3156



87.2871, 0.3019, 0.3136



80.1369, 0.3070, 0.3137



16.9135, 0.3010, 0.3123



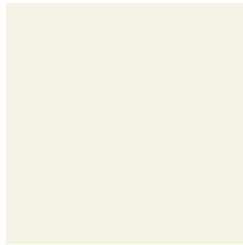
4.2338, 0.1528, 0.0702



0.4810, 0.1577, 0.0877

Previews

White Background



This preview shows how the Yxy color 88.3945, 0.3220, 0.3421 looks on a white background.

Color Contrast Check

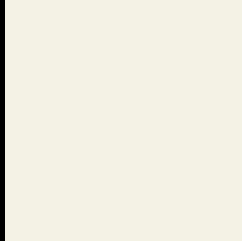
Large Text (above 18pt) WCAG AA × Fail

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 88.3945, 0.3220, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

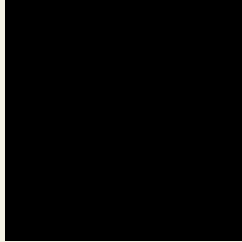
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

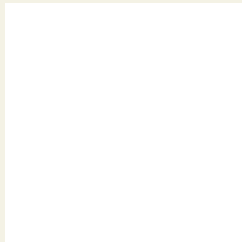
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3945, 0.3220, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 88.3945, 0.3220, 0.3421.

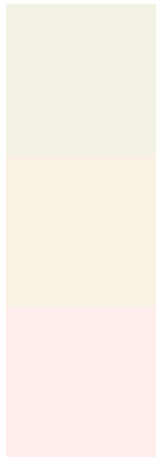


This preview shows how white text looks on a background with the Yxy color 88.3945, 0.3220, 0.3421.

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

88.3945, 0.3220, 0.3421

Protanopia

88.6518, 0.3261, 0.3420

Deuteranopia

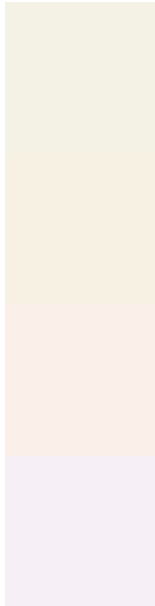
88.4652, 0.3253, 0.3310



Tritanopia

88.1432, 0.3083, 0.3124

Trichromacy



Original Color

88.3945, 0.3220, 0.3421

Protanomaly

88.2862, 0.3247, 0.3420

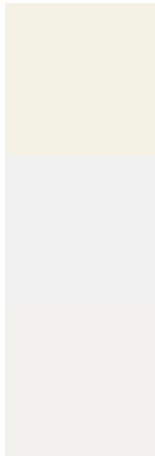
Deuteranomaly

88.1254, 0.3245, 0.3350

Tritanomaly

87.9797, 0.3130, 0.3221

Monochromacy



Original Color

88.3945, 0.3220, 0.3421

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.9023, 0.3158, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3945, 0.3220, 0.3421 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(244, 242, 229) looks like.

```
.text, #text, p{  
    color:rgb(244, 242, 229)  
}
```

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(244, 242, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 242, 229) }
```

Border

The CSS property to change the border of an element to Yxy 88.3945, 0.3220, 0.3421 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(244, 242, 229) }
```

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

```
.border{ border-color:rgb(244, 242, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 242, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 242, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 242, 229); box-shadow:4px 4px 4px 4px rgb(244, 242, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3945, 0.3220, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 242, 229) }
```

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

```
.background{ background-color: rgb(244,  
242, 229) }
```

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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