

Converting Colors

Yxy(91.2520, 0.3182, 0.3359)

Have a look what the booklet for
Yxy(91.2520, 0.3182, 0.3359)
contains.

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Color

Yxy(91.2520, 0.3182, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	F7F5EE
RGB	247, 245, 238
RGB Percent	97%, 96%, 93%
CMY	0.0314, 0.0392, 0.0665
CMYK	0.00, 0.01, 0.04, 0.03
HSL	47°, 36%, 95%
HSV	47°, 4%, 97%
XYZ	86.4435, 91.2520, 93.9686
YIQ	244.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

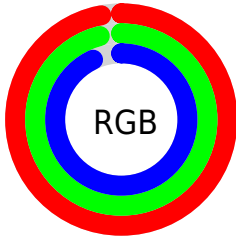
Format	Color
R _Y B	241, 247, 238
Decimal	16250350
CIE Lab	96.51, -0.54, 3.57
CIE LCh	97, 3.613, 98.576
Yxy	91.2520, 0.3182, 0.3359
Android (android.graphics.Color)	4294440430 (0xFF7F5EE)
YUV	244.8000, -3.3524, 1.9294
Hunter-Lab	95.5259, -5.6417, 8.5447

Details

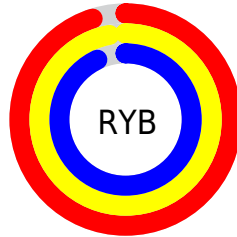
The Yxy color **91.2520, 0.3182, 0.3359** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.2269, 0.3072, 0.3220**, and the grayscale version is **91.1698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8490, 0.3198, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **86.6398, 0.3342, 0.3556**, and if you desaturate by 10%, it is **95.6613, 0.3079, 0.3246**.

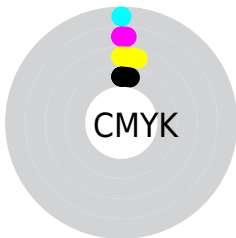
Distribution



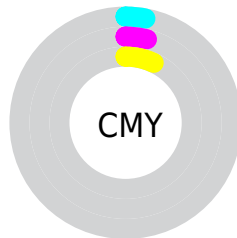
- Red (97%)
- Green (96%)
- Blue (93%)



- Red (95%)
- Yellow (97%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2520, 0.3182, 0.3359 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 91.2520, 0.3182, 0.3359 by changing the saturation by 10% instead.

 91.2520, 0.3182,
0.3359

 91.2520, 0.3182,
0.3359


532.0952, 0.3158,
0.3328

 69.0195, 0.3187,
0.3366

149.0763, 0.3174,
0.3349

 50.7276, 0.3194,
0.3374


185.4368, 0.3170,
0.3344

 35.9919, 0.3202,
0.3384


227.2755, 0.3168,
0.3341

 24.4279, 0.3212,
0.3397

274.9768, 0.3165,
0.3338

 15.6514, 0.3226,
0.3414

328.9250, 0.3163,
0.3335

 9.2778, 0.3244,
0.3438

389.5045, 0.3161,

 4.9228, 0.3272,

0.3333

0.3473

457.0998, 0.3159,
0.3330

■ 2.2020, 0.3316,
0.3530

■ 0.7211, 0.3485,
0.3739

■ 91.2520, 0.3182,
0.3359

■ 91.2520, 0.3182,
0.3359

■ 86.6398, 0.3342,
0.3556

■ 95.6613, 0.3079,
0.3246

■ 82.3119, 0.3513,
0.3758

■ 98.5126, 0.3078,
0.3290

■ 78.2627, 0.3693,
0.3961

■ 74.4822, 0.3876,
0.4157

■ 70.9593, 0.4058,
0.4336

■ 67.6822, 0.4229,
0.4488

■ 64.6375, 0.4383,
0.4602

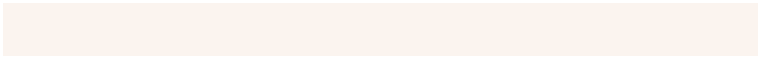
■ 61.8097, 0.4510,
0.4671

■ 59.1803, 0.4608,
0.4691

Harmonies

Analogous

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



91.2520, 0.3203, 0.3343



91.2520, 0.3182, 0.3359



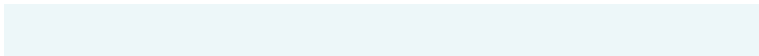
91.2520, 0.3146, 0.3357

Triad

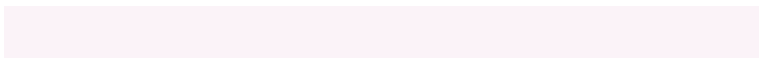
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2520, 0.3182, 0.3359



91.2520, 0.3051, 0.3267



91.2520, 0.3149, 0.3245

Complementary

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



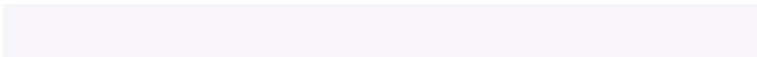
91.2520, 0.3182, 0.3359



87.2269, 0.3072, 0.3220

Split Complementary

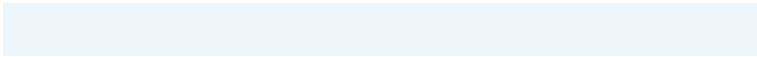
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2520, 0.3108, 0.3225



91.2520, 0.3182, 0.3359



91.2520, 0.3052, 0.3237

Square

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



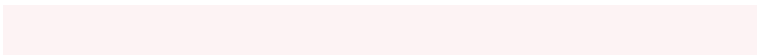
91.2520, 0.3182, 0.3359



91.2520, 0.3071, 0.3303



91.2520, 0.3073, 0.3222



91.2520, 0.3184, 0.3277

Rectangle

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



91.2520, 0.3182, 0.3359



91.2520, 0.3119, 0.3345



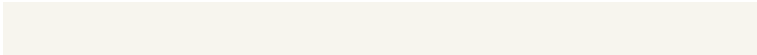
91.2520, 0.3073, 0.3222



91.2520, 0.3135, 0.3237

Sweetspot

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



91.2559, 0.3182, 0.3359



99.4769, 0.3142, 0.3309



87.2381, 0.3174, 0.3269



21.2977, 0.3141, 0.3308



0.0000, 0.0000, 0.0000



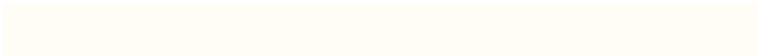
21.4041, 0.3127, 0.3290

Same Dimension

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



91.2559, 0.3182, 0.3359



97.9270, 0.3188, 0.3366



92.0320, 0.3165, 0.3379



19.1198, 0.3199, 0.3380



30.6811, 0.4648, 0.4691



2.8464, 0.4579, 0.4746

Inverse Universe

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



87.2269, 0.3072, 0.3220



93.1546, 0.3066, 0.3213



86.4808, 0.3088, 0.3200



18.0186, 0.3055, 0.3198



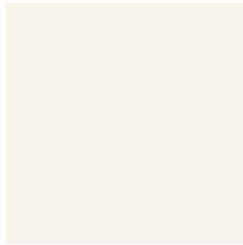
5.1541, 0.1565, 0.0833



0.5998, 0.1627, 0.1056

Previews

White Background



This preview shows how the Yxy color 91.2520, 0.3182, 0.3359 looks on a white background.

Color Contrast Check

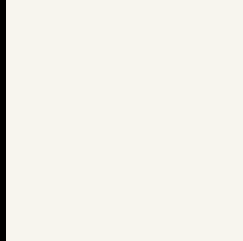
Large Text (above 18pt) WCAG AA × Fail

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 91.2520, 0.3182, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

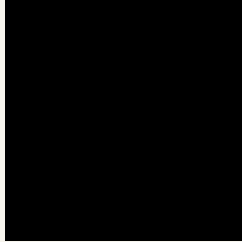
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

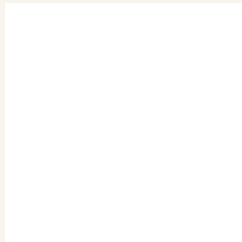
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2520, 0.3182, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 91.2520, 0.3182, 0.3359.

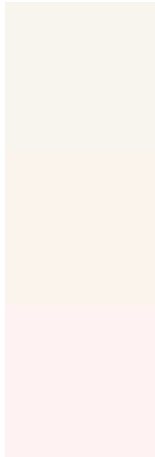


This preview shows how white text looks on a background with the Yxy color 91.2520, 0.3182, 0.3359.

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

91.2520, 0.3182, 0.3359

Protanopia

91.3250, 0.3215, 0.3359

Deuteranopia

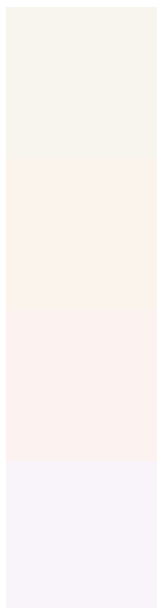
91.2353, 0.3206, 0.3281



Tritanopia

91.2776, 0.3088, 0.3173

Trichromacy



Original Color

91.2520, 0.3182, 0.3359

Protanomaly

91.1398, 0.3209, 0.3359

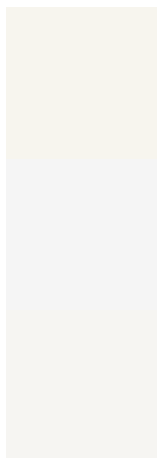
Deuteranomaly

91.1475, 0.3198, 0.3310

Tritanomaly

91.4974, 0.3123, 0.3241

Monochromacy



Original Color

91.2520, 0.3182, 0.3359

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3085, 0.3152, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2520, 0.3182, 0.3359 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(247, 245, 238)` looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 238)  
}
```

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(247, 245, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 238) }
```

Border

The CSS property to change the border of an element to Yxy 91.2520, 0.3182, 0.3359 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(247, 245, 238) }
```

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

```
.border{ border-color:rgb(247, 245, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 245, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 238);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2520, 0.3182, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 245, 238) }
```

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

```
.background{ background-color: rgb(247,  
245, 238) }
```

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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