

Converting Colors

Yxy(82.6440, 0.3241, 0.3539)

Have a look what the booklet for
Yxy(82.6440, 0.3241, 0.3539)
contains.

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Color

Yxy(82.5283, 0.3244, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	E8EDD5
RGB	232, 237, 213
RGB Percent	91%, 93%, 84%
CMY	0.0900, 0.0706, 0.1648
CMYK	0.02, 0.00, 0.10, 0.07
HSL	72°, 40%, 88%
HSV	72°, 10%, 93%
XYZ	75.5849, 82.5283, 74.8859
YIQ	232.7690, 4.7240, -8.5240

Conversions

Conversions Part 2

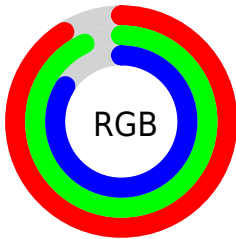
Format	Color
R_{YB}	213, 237, 218
Decimal	15265237
CIE _{Lab}	92.81, -5.76, 11.06
CIE _{LCh}	93, 12.470, 117.520
Yxy	82.5283, 0.3244, 0.3542
Android (android.graphics.Color)	4293455317 (0xFFE8EDD5)
YUV	232.7690, -9.7461, -0.6744
Hunter-Lab	90.8451, -10.4633, 14.7173

Details

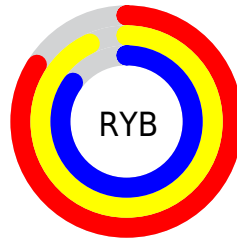
The Yxy color **82.5283, 0.3244, 0.3542** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.5884, 0.3003, 0.3031**, and the grayscale version is **81.3819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7465, 0.3269, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **80.6108, 0.3361, 0.3803**, and if you desaturate by 10%, it is **84.6514, 0.3129, 0.3293**.

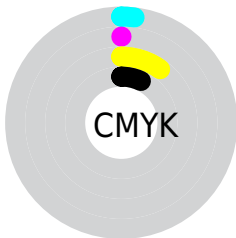
Distribution



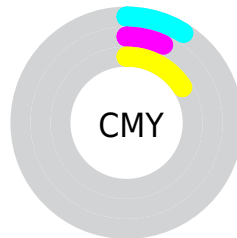
- Red (91%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5283, 0.3244, 0.3542 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 82.5283, 0.3244, 0.3542 by changing the saturation by 10% instead.

82.5283, 0.3244,
0.3542

82.5283, 0.3244,
0.3542

503.4131, 0.3192,
0.3427

61.8011, 0.3256,
0.3568

136.9146, 0.3226,
0.3502

44.8720, 0.3270,
0.3600

171.3425, 0.3219,
0.3487

31.3566, 0.3287,
0.3640

211.1061, 0.3213,
0.3473

20.8706, 0.3309,
0.3693

256.5898, 0.3208,
0.3462

13.0294, 0.3339,
0.3763

308.1779, 0.3203,
0.3451

7.4488, 0.3379,
0.3864

366.2549, 0.3199,

3.7443, 0.3438,

0.3442

0.4018

431.2052, 0.3195,
0.3434

■ 1.5316, 0.3541,
0.4297

■ 0.3108, 0.3324,
0.6676

■ 82.5283, 0.3244,
0.3542

■ 82.5283, 0.3244,
0.3542

■ 80.6108, 0.3361,
0.3803

■ 84.6514, 0.3129,
0.3293

■ 78.8805, 0.3475,
0.4071

■ 86.6250, 0.3049,
0.3112

■ 77.3325, 0.3583,
0.4336

■ 87.4976, 0.3081,
0.3114

■ 75.9578, 0.3679,
0.4590

■ 88.3933, 0.3113,
0.3116

■ 74.7466, 0.3757,
0.4820

■ 89.0432, 0.3135,
0.3117

■ 73.6879, 0.3812,
0.5017

■ 72.7691, 0.3842,
0.5171

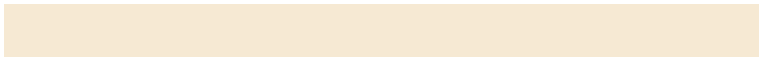
■ 71.9753, 0.3846,
0.5277

■ 71.2898, 0.3828,
0.5342

Harmonies

Analogous

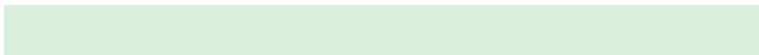
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5283, 0.3359, 0.3521



82.5283, 0.3244, 0.3542



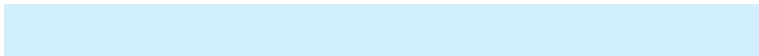
82.5283, 0.3100, 0.3491

Triad

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



82.5283, 0.3244, 0.3542



82.5283, 0.2851, 0.3132



82.5283, 0.3289, 0.3198

Complementary

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



82.5283, 0.3244, 0.3542



68.5884, 0.3003, 0.3031

Split Complementary

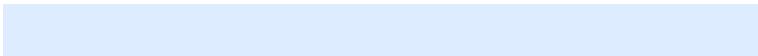
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5283, 0.3149, 0.3100



82.5283, 0.3244, 0.3542



82.5283, 0.2899, 0.3060

Square

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



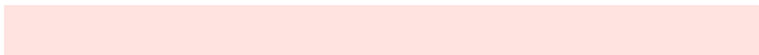
82.5283, 0.3244, 0.3542



82.5283, 0.2875, 0.3250



82.5283, 0.3007, 0.3050



82.5283, 0.3385, 0.3321

Rectangle

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



82.5283, 0.3244, 0.3542



82.5283, 0.3007, 0.3424



82.5283, 0.3007, 0.3050



82.5283, 0.3245, 0.3162

Sweetspot

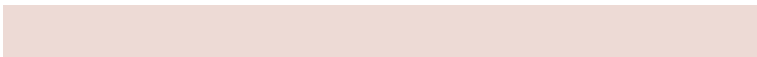
The Sweet Spot groups the original color and five complimentary colors.



82.5319, 0.3244, 0.3542



99.2200, 0.3162, 0.3363



72.8387, 0.3300, 0.3341



21.1933, 0.3171, 0.3383



0.0000, 0.0000, 0.0000



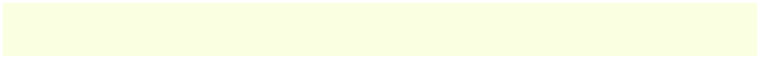
21.4041, 0.3127, 0.3290

Same Dimension

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



82.5319, 0.3244, 0.3542



97.0100, 0.3266, 0.3591



80.6115, 0.3163, 0.3548



17.4616, 0.3236, 0.3525



38.9825, 0.3835, 0.5337



3.1004, 0.3887, 0.5296

Inverse Universe

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



68.5884, 0.3003, 0.3031



77.6840, 0.2977, 0.2978



70.4834, 0.3087, 0.3037



14.6980, 0.3012, 0.3049



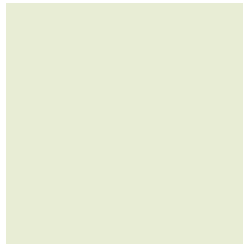
3.7356, 0.1604, 0.0657



0.3333, 0.1731, 0.0727

Previews

White Background



This preview shows how the Yxy color 82.5283, 0.3244, 0.3542 looks on a white background.

Color Contrast Check

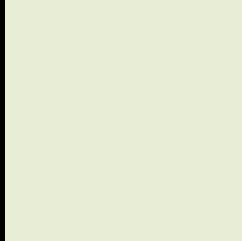
Large Text (above 18pt) WCAG AA × Fail

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 82.5283, 0.3244, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

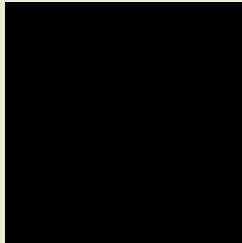
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

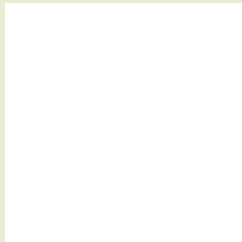
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5283, 0.3244, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 82.5283, 0.3244, 0.3542.

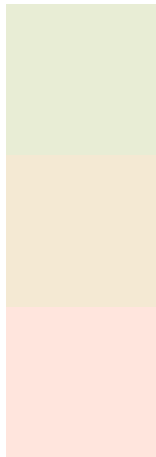


This preview shows how white text looks on a background with the Yxy color 82.5283, 0.3244, 0.3542.

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

82.5283, 0.3244, 0.3542

Protanopia

82.2141, 0.3345, 0.3517

Deuteranopia

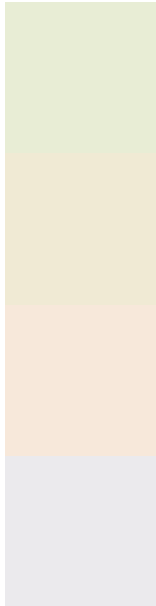
82.5191, 0.3362, 0.3371



Tritanopia

82.6199, 0.3049, 0.3109

Trichromacy



Original Color

82.5283, 0.3244, 0.3542

Protanomaly

82.1244, 0.3309, 0.3518

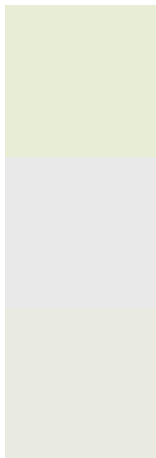
Deuteranomaly

82.5493, 0.3321, 0.3433

Tritanomaly

82.6222, 0.3115, 0.3259

Monochromacy



Original Color

82.5283, 0.3244, 0.3542

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.6603, 0.3171, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5283, 0.3244, 0.3542 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(232, 237, 213)` looks like.

```
.text, #text, p{  
    color:rgb(232, 237, 213)  
}
```

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(232, 237, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 237, 213) }
```

Border

The CSS property to change the border of an element to Yxy 82.5283, 0.3244, 0.3542 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(232, 237, 213) }
```

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

```
.border{ border-color:rgb(232, 237, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 237, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 237, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 237, 213);  
box-shadow:4px 4px 4px 4px rgb(232, 237,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5283, 0.3244, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 237, 213) }
```

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

```
.background{ background-color: rgb(232,  
237, 213) }
```

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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