

Converting Colors

Yxy(83.0584, 0.3195, 0.3593)

Have a look what the booklet for
Yxy(83.0584, 0.3195, 0.3593)
contains.

Yxy(82.9209, 0.3193, 0.3588)	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(82.9209, 0.3193, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	E0F0D4
RGB	224, 240, 212
RGB Percent	88%, 94%, 83%
CMY	0.1214, 0.0588, 0.1687
CMYK	0.07, 0.00, 0.12, 0.06
HSL	94°, 48%, 89%
HSV	94°, 12%, 94%
XYZ	73.7922, 82.9209, 74.3931
YIQ	232.0240, -0.5480, -12.1000

Conversions

Conversions Part 2

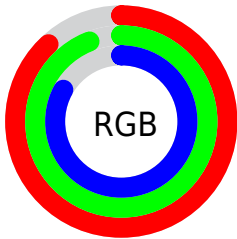
Format	Color
R_{YB}	212, 240, 228
Decimal	14741716
CIE _{Lab}	92.98, -10.20, 11.74
CIE _{LCh}	93, 15.553, 130.964
Yxy	82.9209, 0.3193, 0.3588
Android (android.graphics.Color)	4292931796 (0xFFE0F0D4)
YUV	232.0240, -9.8718, -7.0370
Hunter-Lab	91.0609, -14.7072, 15.3051

Details

The Yxy color **82.9209, 0.3193, 0.3588** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.8551, 0.3054, 0.2995**, and the grayscale version is **80.7966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1503, 0.3212, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **79.7044, 0.3248, 0.3868**, and if you desaturate by 10%, it is **86.5002, 0.3137, 0.3331**.

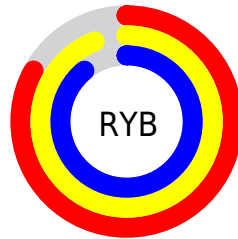
Distribution



Red (88%)

Green (94%)

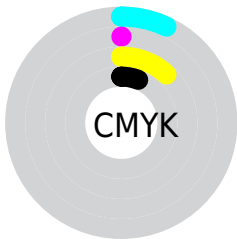
Blue (83%)



Red (83%)

Yellow (94%)

Blue (89%)

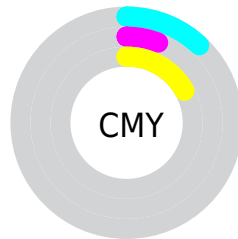


Cyan (7%)

Magenta (0%)

Yellow (12%)

Black (6%)



Cyan (12%)

Magenta (6%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.9209, 0.3193, 0.3588 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 82.9209, 0.3193, 0.3588 by changing the saturation by 10% instead.

82.9209, 0.3193,
0.3588

82.9209, 0.3193,
0.3588

504.7229, 0.3164,
0.3451

62.1249, 0.3199,
0.3619

137.4647, 0.3183,
0.3541

45.1336, 0.3206,
0.3658

171.9812, 0.3180,
0.3522

31.5627, 0.3215,
0.3706

211.8401, 0.3176,
0.3506

21.0277, 0.3226,
0.3769

257.4257, 0.3173,
0.3492

13.1443, 0.3241,
0.3855

309.1223, 0.3171,
0.3480

7.5280, 0.3259,
0.3978

367.3145, 0.3168,

3.7944, 0.3283,

0.3469

0.4167

432.3865, 0.3166,
0.3460

■ 1.5592, 0.3327,
0.4519

■ 0.3299, 0.1638,
0.8362

■ 82.9209, 0.3193,
0.3588

■ 82.9209, 0.3193,
0.3588

■ 79.7044, 0.3248,
0.3868

■ 86.5002, 0.3137,
0.3331

■ 76.8280, 0.3298,
0.4167

■ 90.1176, 0.3110,
0.3145

■ 74.2823, 0.3340,
0.4477

■ 90.7976, 0.3134,
0.3146

■ 72.0539, 0.3371,
0.4786

■ 70.1279, 0.3386,
0.5079

■ 68.4881, 0.3381,
0.5340

■ 67.1165, 0.3356,
0.5552

■ 65.9920, 0.3312,
0.5704

■ 65.2193, 0.3265,
0.5789

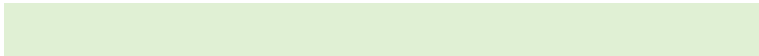
Harmonies

Analogous

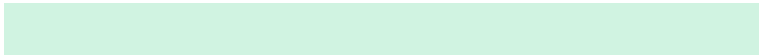
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9209, 0.3358, 0.3601



82.9209, 0.3193, 0.3588



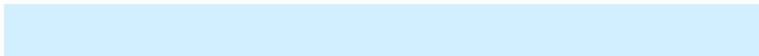
82.9209, 0.3014, 0.3488

Triad

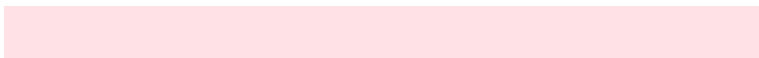
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9209, 0.3193, 0.3588



82.9209, 0.2801, 0.3044



82.9209, 0.3392, 0.3242

Complementary

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



82.9209, 0.3193, 0.3588



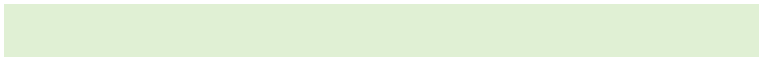
69.8551, 0.3054, 0.2995

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.



82.9209, 0.3236, 0.3104



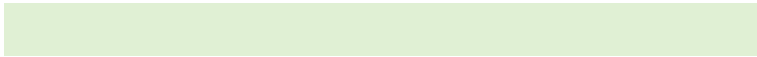
82.9209, 0.3193, 0.3588



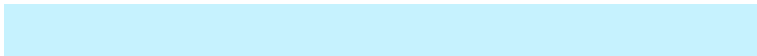
82.9209, 0.2896, 0.2990

Square

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



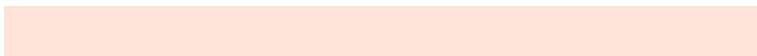
82.9209, 0.3193, 0.3588



82.9209, 0.2791, 0.3168



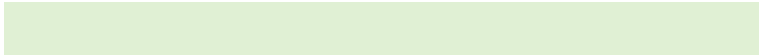
82.9209, 0.3054, 0.3012



82.9209, 0.3476, 0.3396

Rectangle

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



82.9209, 0.3193, 0.3588



82.9209, 0.2910, 0.3387



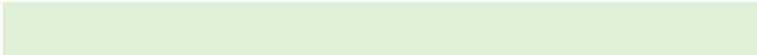
82.9209, 0.3054, 0.3012



82.9209, 0.3346, 0.3193

Sweetspot

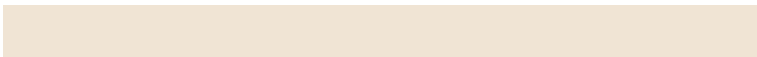
The Sweet Spot groups the original color and five complimentary colors.



82.9245, 0.3193, 0.3588



98.2751, 0.3150, 0.3389



78.6861, 0.3317, 0.3456



20.9671, 0.3154, 0.3408



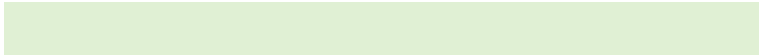
0.0000, 0.0000, 0.0000



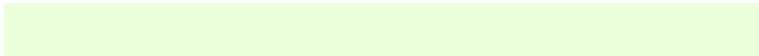
21.4041, 0.3127, 0.3290

Same Dimension

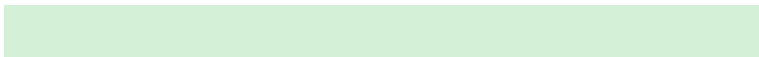
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9245, 0.3193, 0.3588



94.2558, 0.3206, 0.3653



81.1601, 0.3102, 0.3574



17.9890, 0.3181, 0.3529



35.7786, 0.3277, 0.5780



3.0341, 0.3379, 0.5699

Inverse Universe

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



69.8551, 0.3054, 0.2995



76.5008, 0.3038, 0.2931



71.7852, 0.3153, 0.3021



15.6730, 0.3069, 0.3052



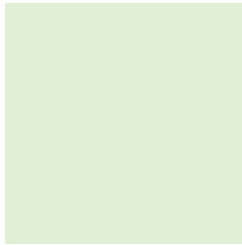
6.4212, 0.2166, 0.0967



0.5928, 0.2298, 0.1040

Previews

White Background



This preview shows how the Yxy color 82.9209, 0.3193, 0.3588 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 82.9209, 0.3193, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

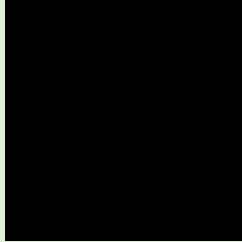
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

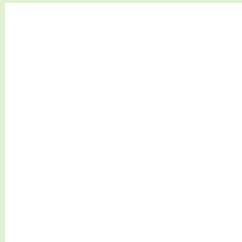
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9209, 0.3193, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 82.9209, 0.3193, 0.3588.

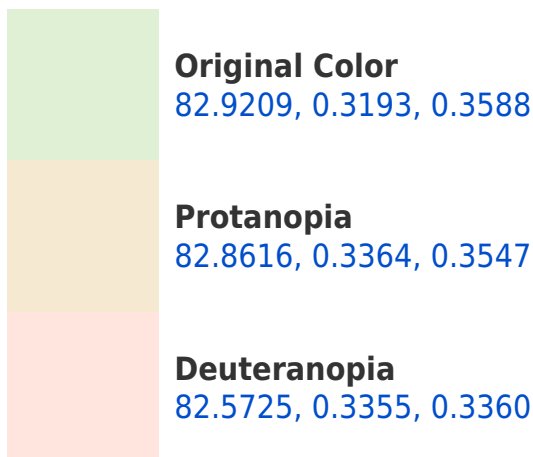


This preview shows how white text looks on a background with the Yxy color 82.9209, 0.3193, 0.3588.

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

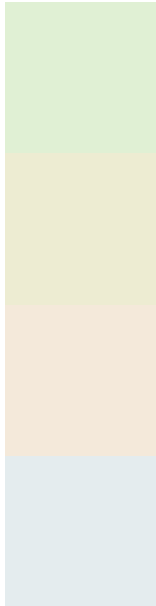




Tritanopia

82.7605, 0.2985, 0.3097

Trichromacy



Original Color

82.9209, 0.3193, 0.3588

Protanomaly

82.6486, 0.3298, 0.3561

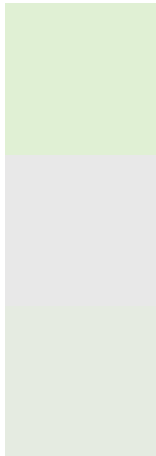
Deuteranomaly

82.5729, 0.3299, 0.3444

Tritanomaly

82.6579, 0.3062, 0.3269

Monochromacy



Original Color

82.9209, 0.3193, 0.3588

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.5109, 0.3149, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9209, 0.3193, 0.3588 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(224, 240, 212)` looks like.

```
.text, #text, p{  
    color:rgb(224, 240, 212)  
}
```

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(224, 240, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 240, 212) }
```

Border

The CSS property to change the border of an element to Yxy 82.9209, 0.3193, 0.3588 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(224, 240, 212) }
```

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

```
.border{ border-color:rgb(224, 240, 212) }
```

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

Here you see how a box with a 4 pixel rgb(224, 240, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 240, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 240, 212);  
box-shadow:4px 4px 4px 4px rgb(224, 240,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9209, 0.3193, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 240, 212) }
```

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

```
.background{ background-color: rgb(224,  
240, 212) }
```

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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