

Converting Colors

Yxy(82.1471, 0.3193, 0.3458)

Have a look what the booklet for
Yxy(82.1471, 0.3193, 0.3458)
contains.

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Color

Yxy(82.1471, 0.3193, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	E7ECDC
RGB	231, 236, 220
RGB Percent	91%, 93%, 86%
CMY	0.0944, 0.0744, 0.1373
CMYK	0.02, 0.00, 0.07, 0.07
HSL	79°, 30%, 89%
HSV	79°, 7%, 93%
XYZ	75.8518, 82.1471, 79.5577
YIQ	232.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

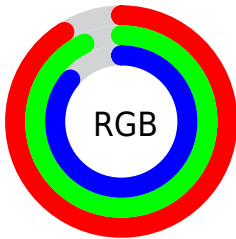
Format	Color
R _Y B	220, 236, 225
Decimal	15199452
CIE Lab	92.64, -4.49, 7.17
CIE LCh	93, 8.464, 122.071
Yxy	82.1471, 0.3193, 0.3458
Android (android.graphics.Color)	4293389532 (0xFFE7ECDC)
YUV	232.6810, -6.2517, -1.4742
Hunter-Lab	90.6350, -9.2259, 11.4009

Details

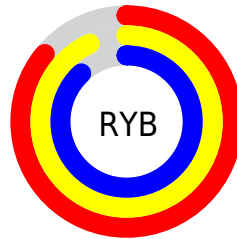
The Yxy color $82.1471, 0.3193, 0.3458$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $73.2564, 0.3058, 0.3120$, and the grayscale version is $81.2748, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.4731, 0.3204, 0.3494$ is the 20% darker color. If you saturate the color by 10%, you get $79.7682, 0.3291, 0.3719$, and if you desaturate by 10%, it is $84.7630, 0.3097, 0.3214$.

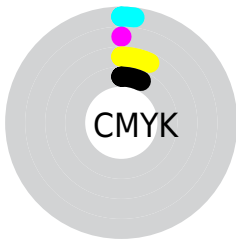
Distribution



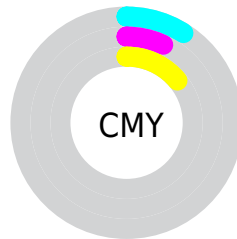
- Red (91%)
- Green (93%)
- Blue (86%)



- Red (86%)
- Yellow (93%)
- Blue (88%)



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



- Cyan (9%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1471, 0.3193, 0.3458 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 82.1471, 0.3193, 0.3458 by changing the saturation by 10% instead.

82.1471, 0.3193,
0.3458

82.1471, 0.3193,
0.3458

502.1396, 0.3163,
0.3381

61.4868, 0.3200,
0.3475

136.3803, 0.3183,
0.3432

44.6181, 0.3207,
0.3497

170.7219, 0.3179,
0.3421

31.1568, 0.3217,
0.3523

210.3928, 0.3176,
0.3412

20.7182, 0.3230,
0.3558

255.7773, 0.3173,
0.3405

12.9182, 0.3247,
0.3605

307.2599, 0.3170,
0.3398

7.3722, 0.3270,
0.3672

365.2248, 0.3168,

3.6960, 0.3305,

0.3392

0.3775

430.0566, 0.3165,
0.3386

■ 1.5050, 0.3361,
0.3952

■ 0.2922, 0.3651,
0.6349

■ 82.1471, 0.3193,
0.3458

■ 82.1471, 0.3193,
0.3458

■ 79.7682, 0.3291,
0.3719

■ 84.7630, 0.3097,
0.3214

■ 77.6076, 0.3387,
0.3993

■ 86.8024, 0.3076,
0.3104

■ 75.6603, 0.3477,
0.4272

■ 88.1831, 0.3125,
0.3107

■ 73.9170, 0.3557,
0.4547

■ 88.4855, 0.3136,
0.3107

■ 72.3679, 0.3621,
0.4807

■ 71.0020, 0.3665,
0.5039

■ 69.8068, 0.3685,
0.5231

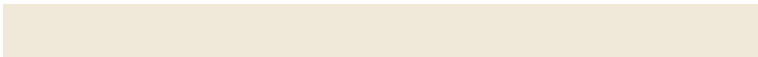
■ 68.7679, 0.3678,
0.5376

■ 67.8673, 0.3648,
0.5470

Harmonies

Analogous

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



82.1471, 0.3275, 0.3452



82.1471, 0.3193, 0.3458



82.1471, 0.3094, 0.3417

Triad

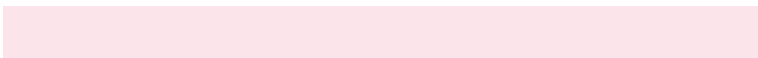
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1471, 0.3193, 0.3458



82.1471, 0.2940, 0.3174



82.1471, 0.3249, 0.3240

Complementary

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



82.1471, 0.3193, 0.3458



73.2564, 0.3058, 0.3120

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.



82.1471, 0.3158, 0.3168



82.1471, 0.3193, 0.3458



82.1471, 0.2980, 0.3129

Square

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



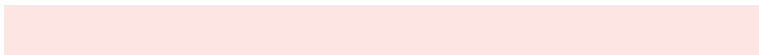
82.1471, 0.3193, 0.3458



82.1471, 0.2950, 0.3250



82.1471, 0.3060, 0.3128



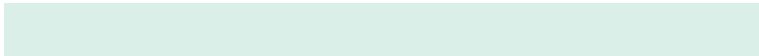
82.1471, 0.3308, 0.3325

Rectangle

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



82.1471, 0.3193, 0.3458



82.1471, 0.3033, 0.3368



82.1471, 0.3060, 0.3128



82.1471, 0.3221, 0.3214

Sweetspot

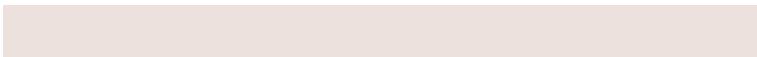
The Sweet Spot groups the original color and five complimentary colors.



82.1507, 0.3193, 0.3458



99.3703, 0.3147, 0.3339



76.8896, 0.3238, 0.3344



21.2760, 0.3146, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

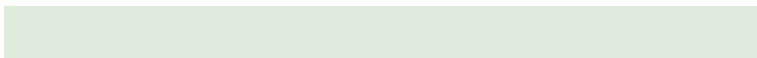
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1507, 0.3193, 0.3458



97.5483, 0.3205, 0.3490



80.8485, 0.3139, 0.3461



17.3735, 0.3219, 0.3526



37.3248, 0.3645, 0.5488



2.9819, 0.3723, 0.5426

Inverse Universe

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



73.2564, 0.3058, 0.3120



85.1212, 0.3045, 0.3088



74.5749, 0.3114, 0.3123



14.7808, 0.3029, 0.3050



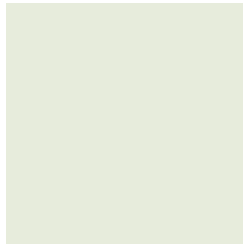
4.2208, 0.1725, 0.0724



0.3812, 0.1874, 0.0806

Previews

White Background



This preview shows how the Yxy color 82.1471, 0.3193, 0.3458 looks on a white background.

Color Contrast Check

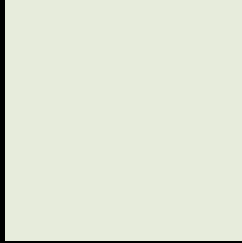
Large Text (above 18pt) WCAG AA × Fail

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 82.1471, 0.3193, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

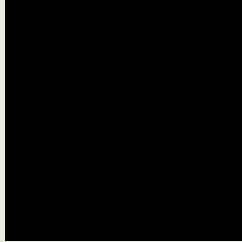
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

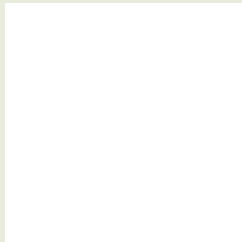
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.1471, 0.3193, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 82.1471, 0.3193, 0.3458.

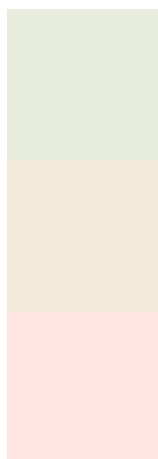


This preview shows how white text looks on a background with the Yxy color 82.1471, 0.3193, 0.3458.

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

82.1471, 0.3193, 0.3458

Protanopia

82.2170, 0.3285, 0.3444

Deuteranopia

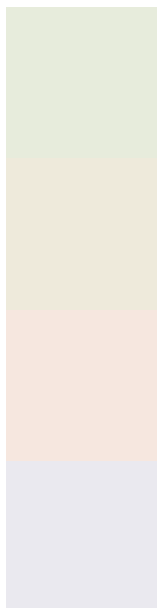
82.1830, 0.3336, 0.3321



Tritanopia

82.2775, 0.3036, 0.3108

Trichromacy



Original Color

82.1471, 0.3193, 0.3458

Protanomaly

82.1373, 0.3250, 0.3445

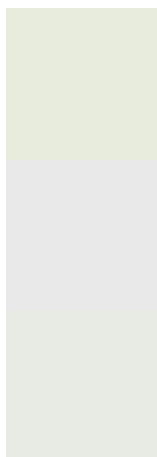
Deuteranomaly

82.0724, 0.3282, 0.3372

Tritanomaly

82.0022, 0.3097, 0.3228

Monochromacy



Original Color

82.1471, 0.3193, 0.3458

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.6029, 0.3151, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1471, 0.3193, 0.3458 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(231, 236, 220)` looks like.

```
.text, #text, p{  
    color:rgb(231, 236, 220)  
}
```

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(231, 236, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 236, 220) }
```

Border

The CSS property to change the border of an element to Yxy 82.1471, 0.3193, 0.3458 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(231, 236, 220) }
```

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

```
.border{ border-color:rgb(231, 236, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 236, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 236, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 236, 220);  
box-shadow:4px 4px 4px 4px rgb(231, 236,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1471, 0.3193, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 236, 220) }
```

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

```
.background{ background-color: rgb(231,  
236, 220) }
```

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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