

Converting Colors

Yxy(71.9836, 0.3195, 0.3251)

Have a look what the booklet for
Yxy(71.9836, 0.3195, 0.3251)
contains.

Yxy(72.1863, 0.3194, 0.3258)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.1863, 0.3194, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	E6DADD
RGB	230, 218, 221
RGB Percent	90%, 85%, 87%
CMY	0.0978, 0.1451, 0.1333
CMYK	0.00, 0.05, 0.04, 0.10
HSL	345°, 19%, 88%
HSV	345°, 5%, 90%
XYZ	70.7683, 72.1863, 78.6117
YIQ	221.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

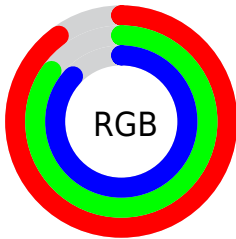
Format	Color
R_{YB}	230, 218, 221
Decimal	15129309
CIE Lab	88.06, 4.65, -0.01
CIE LCh	88, 4.653, 359.877
Yxy	72.1863, 0.3194, 0.3258
Android (android.graphics.Color)	4293319389 (0xFFE6DADD)
YUV	221.9300, -0.4585, 7.0774
Hunter-Lab	84.9625, -0.0055, 4.6156

Details

The Yxy color $72.1863, 0.3194, 0.3258$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77.0750, 0.3064, 0.3322$, and the grayscale version is $73.0013, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.9462, 0.3205, 0.3249$ is the 20% darker color. If you saturate the color by 10%, you get $60.2021, 0.3344, 0.3194$, and if you desaturate by 10%, it is $85.9272, 0.3073, 0.3318$.

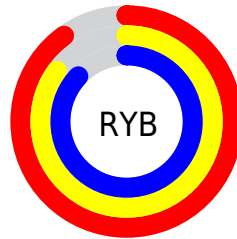
Distribution



Red (90%)

Green (85%)

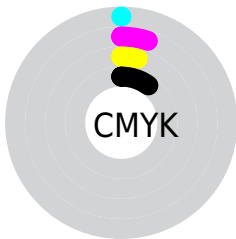
Blue (87%)



Red (90%)

Yellow (85%)

Blue (87%)

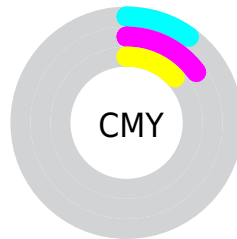


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (10%)



Cyan (10%)


Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1863, 0.3194, 0.3258 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 72.1863, 0.3194, 0.3258 by changing the saturation by 10% instead.


 72.1863, 0.3194,
0.3258

 72.1863, 0.3194,
0.3258


468.1898, 0.3163,
0.3273

 53.3109, 0.3201,
0.3255


122.3214, 0.3183,
0.3263

 38.0510, 0.3210,
0.3250


154.3498, 0.3179,
0.3265

 26.0223, 0.3221,
0.3245


191.5313, 0.3175,
0.3267

 16.8403, 0.3236,
0.3238

234.2504, 0.3172,
0.3268

 10.1207, 0.3256,
0.3228

282.8914, 0.3170,
0.3270

 5.4791, 0.3285,
0.3214

337.8387, 0.3167,

 2.5310, 0.3331,

0.3271

0.3192

399.4767, 0.3165,
0.3272

0.8921, 0.3416,
0.3151

0.0000, 0.0000,
0.0000

72.1863, 0.3194,
0.3258

72.1863, 0.3194,
0.3258

60.2021, 0.3344,
0.3194

85.9272, 0.3073,
0.3318

49.8947, 0.3528,
0.3126

95.5718, 0.2976,
0.3290

41.1915, 0.3755,
0.3058

34.0116, 0.4028,
0.2993

■ 28.2663, 0.4351,
0.2939

■ 23.8582, 0.4718,
0.2904

■ 20.6775, 0.5110,
0.2901

■ 18.5966, 0.5494,
0.2937

■ 17.4596, 0.5828,
0.3015

Harmonies

Analogous

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



72.1863, 0.3141, 0.3217



72.1863, 0.3194, 0.3258



72.1863, 0.3229, 0.3307

Triad

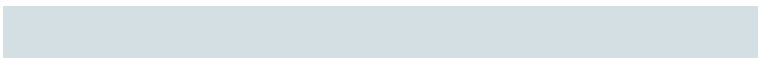
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1863, 0.3194, 0.3258



72.1863, 0.3169, 0.3387



72.1863, 0.3019, 0.3226

Complementary

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



72.1863, 0.3194, 0.3258



77.0750, 0.3064, 0.3322

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.



72.1863, 0.3026, 0.3272



72.1863, 0.3194, 0.3258



72.1863, 0.3113, 0.3365

Square

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



72.1863, 0.3194, 0.3258



72.1863, 0.3215, 0.3382



72.1863, 0.3061, 0.3322



72.1863, 0.3040, 0.3199

Rectangle

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



72.1863, 0.3194, 0.3258



72.1863, 0.3238, 0.3339



72.1863, 0.3061, 0.3322



72.1863, 0.3018, 0.3240

Sweetspot

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



72.1894, 0.3194, 0.3258



96.5451, 0.3152, 0.3278



72.1901, 0.3112, 0.3162



20.7008, 0.3151, 0.3279



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.



72.1894, 0.3194, 0.3258



89.9064, 0.3205, 0.3253



73.6086, 0.3212, 0.3322



15.1827, 0.3213, 0.3249



9.7107, 0.5924, 0.3037



0.7322, 0.5511, 0.2809

Inverse Universe

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



72.1894, 0.3194, 0.3258



89.9064, 0.3205, 0.3253



75.5783, 0.3046, 0.3257



15.1827, 0.3213, 0.3249



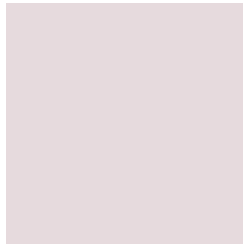
9.7107, 0.5924, 0.3037



0.7322, 0.5511, 0.2809

Previews

White Background



This preview shows how the Yxy color 72.1863, 0.3194, 0.3258 looks on a white background.

Color Contrast Check

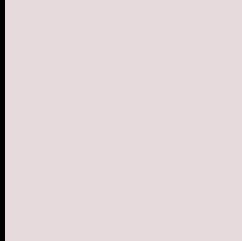
Large Text (above 18pt) WCAG AA × Fail

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 72.1863, 0.3194, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

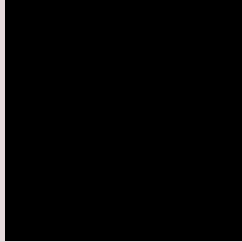
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

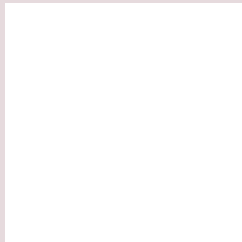
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1863, 0.3194, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 72.1863, 0.3194, 0.3258.

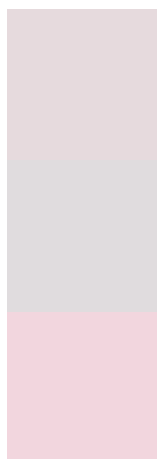


This preview shows how white text looks on a background with the Yxy color 72.1863, 0.3194, 0.3258.

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

72.1863, 0.3194, 0.3258

Protanopia

72.3076, 0.3142, 0.3268

Deuteranopia

72.2443, 0.3279, 0.3207



Tritanopia

72.1507, 0.3128, 0.3111

Trichromacy



Original Color

72.1863, 0.3194, 0.3258

Protanomaly

72.1057, 0.3157, 0.3258

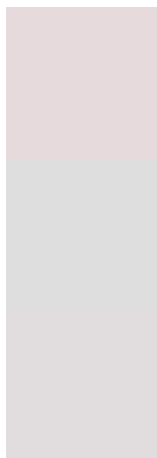
Deuteranomaly

72.0519, 0.3248, 0.3217

Tritanomaly

72.2718, 0.3147, 0.3163

Monochromacy



Original Color

72.1863, 0.3194, 0.3258

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.9944, 0.3149, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1863, 0.3194, 0.3258 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(230, 218, 221)` looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 221)  
}
```

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(230, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 221) }
```

Border

The CSS property to change the border of an element to Yxy 72.1863, 0.3194, 0.3258 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(230, 218, 221) }
```

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

```
.border{ border-color:rgb(230, 218, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 221);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1863, 0.3194, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 221) }
```

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

```
.background{ background-color: rgb(230,  
218, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor