

Converting Colors

$Yxy(34.1729, 0.3926, 0.3490)$

Have a look what the booklet for
Yxy(34.1729, 0.3926, 0.3490)
contains.

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Color

Yxy(34.2280, 0.3930, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	CB9081
RGB	203, 144, 129
RGB Percent	80%, 56%, 51%
CMY	0.2039, 0.4353, 0.4942
CMYK	0.00, 0.29, 0.36, 0.20
HSL	12°, 42%, 65%
HSV	12°, 36%, 80%
XYZ	38.5654, 34.2280, 25.3374
YIQ	159.9310, 39.9790, 7.8430

Conversions

Conversions Part 2

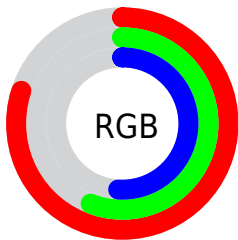
Format	Color
R_{YB}	203, 148, 129
Decimal	13340801
CIE _{Lab}	65.14, 20.41, 16.89
CIE _{LCh}	65, 26.486, 39.608
Yxy	34.2280, 0.3930, 0.3488
Android (android.graphics.Color)	4291530881 (0xFFCB9081)
YUV	159.9310, -15.2490, 37.7715
Hunter-Lab	58.5047, 15.2812, 15.2758

Details

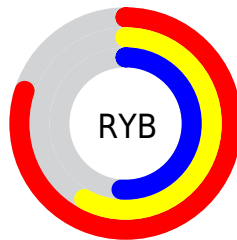
The Yxy color **34.2280, 0.3930, 0.3488** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9414, 0.2591, 0.3079**, and the grayscale version is **35.1788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0256, 0.3716, 0.3458**, and **14.6109, 0.4192, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **29.1865, 0.4255, 0.3541**, and if you desaturate by 10%, it is **40.0827, 0.3654, 0.3432**.

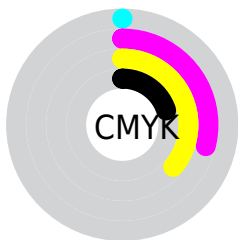
Distribution



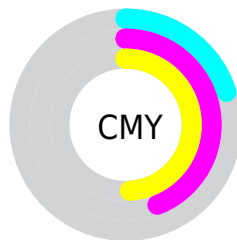
- Red (80%)
- Green (56%)
- Blue (51%)



- Red (80%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2280, 0.3930, 0.3488 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 34.2280, 0.3930, 0.3488 by changing the saturation by 10% instead.


 34.2280, 0.3930,
0.3488


 34.2280, 0.3930,
0.3488


321.1475, 0.3504,
0.3397


 23.0688, 0.4044,
0.3507


 66.2881, 0.3769,
0.3457

 14.6443, 0.4195,
0.3529


 87.9577, 0.3711,
0.3445

 8.5701, 0.4403,
0.3552


 113.8997, 0.3662,
0.3434

 4.4619, 0.4707,
0.3572

144.4983, 0.3621,
0.3425

 1.9351, 0.5215,
0.3589

180.1380, 0.3585,
0.3417

 0.5694, 0.6495,
0.3505


221.2032, 0.3555,


 0.0000, 0.0000,


0.3409

0.0000

268.0782, 0.3528,
0.3403


 34.2280, 0.3930,
0.3488

 34.2280, 0.3930,
0.3488


 29.1865, 0.4255,
0.3541

 40.0827, 0.3654,
0.3432


 24.9172, 0.4627,
0.3585

 46.7795, 0.3424,
0.3376


 21.3828, 0.5033,
0.3610

 54.3519, 0.3233,
0.3322


 18.5407, 0.5443,
0.3608


 62.8302, 0.3075,
0.3273


 16.3442, 0.5814,
0.3570

 72.2431, 0.2944,
0.3228

 14.7392, 0.6098,
0.3499

 82.6181, 0.2835,
0.3186

 14.2965, 0.6181,
0.3475

 91.4378, 0.2822,
0.3289

Harmonies

Analogous

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



34.2280, 0.3723, 0.3156



34.2280, 0.3930, 0.3488



34.2280, 0.3902, 0.3797

Triad

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



34.2280, 0.3930, 0.3488



34.2280, 0.2877, 0.3775



34.2280, 0.2593, 0.2627

Complementary

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



34.2280, 0.3930, 0.3488



44.9414, 0.2591, 0.3079

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.



34.2280, 0.2400, 0.2736



34.2280, 0.3930, 0.3488



34.2280, 0.2554, 0.3392

Square

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



34.2280, 0.3930, 0.3488



34.2280, 0.3280, 0.4003



34.2280, 0.2386, 0.3006



34.2280, 0.2933, 0.2679

Rectangle

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



34.2280, 0.3930, 0.3488



34.2280, 0.3760, 0.3949



34.2280, 0.2386, 0.3006



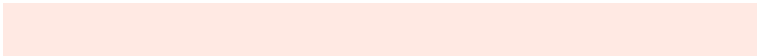
34.2280, 0.2510, 0.2645

Sweetspot

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



34.2296, 0.3930, 0.3488



84.8777, 0.3318, 0.3347



32.0341, 0.3318, 0.2557



17.7962, 0.3344, 0.3354



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.



34.2296, 0.3930, 0.3488



50.3504, 0.4190, 0.3532



47.2498, 0.3762, 0.3943



11.5762, 0.3285, 0.3338



9.2027, 0.6159, 0.3491



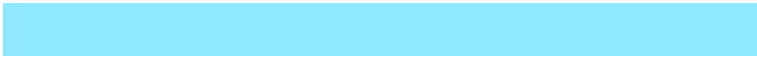
0.5853, 0.5782, 0.3791

Inverse Universe

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



44.9414, 0.2591, 0.3079



70.8893, 0.2486, 0.3025



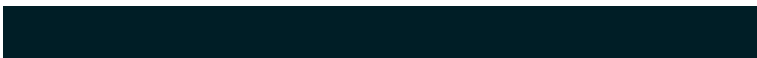
31.1734, 0.2515, 0.2535



12.3254, 0.2983, 0.3242



19.2804, 0.2064, 0.2631



1.0951, 0.2104, 0.2774

Previews

White Background



This preview shows how the Yxy color 34.2280, 0.3930, 0.3488 looks on a white background.

Color Contrast Check

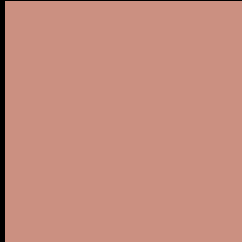
Large Text (above 18pt) WCAG AA × Fail

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 34.2280, 0.3930, 0.3488 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 34.2280, 0.3930, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 34.2280, 0.3930, 0.3488.



This preview shows how white text looks on a background with the Yxy color 34.2280, 0.3930, 0.3488.

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

34.2280, 0.3930, 0.3488

Protanopia

34.3383, 0.3412, 0.3617

Deuteranopia

34.1791, 0.3711, 0.3642



Tritanopia

34.2633, 0.3719, 0.3163

Trichromacy



Original Color

34.2280, 0.3930, 0.3488

Protanomaly

34.0596, 0.3593, 0.3576

Deuteranomaly

34.1298, 0.3789, 0.3579

Tritanomaly

34.1665, 0.3794, 0.3279

Monochromacy



Original Color

34.2280, 0.3930, 0.3488

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.5112, 0.3398, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2280, 0.3930, 0.3488 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(203, 144, 129)` looks like.

```
.text, #text, p{  
    color:rgb(203, 144, 129)  
}
```

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(203, 144, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 144, 129) }
```

Border

The CSS property to change the border of an element to Yxy 34.2280, 0.3930, 0.3488 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(203, 144, 129) }
```

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

```
.border{ border-color:rgb(203, 144, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 144, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 144, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 144, 129); box-shadow:4px 4px 4px 4px rgb(203, 144, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2280, 0.3930, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 144, 129) }
```

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

```
.background{ background-color: rgb(203,  
144, 129) }
```

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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