

Converting Colors

$Yxy(62.0184, 0.3443, 0.3584)$

Have a look what the booklet for
Yxy(62.0184, 0.3443, 0.3584)
contains.

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Color

Yxy(62.2895, 0.3444, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	DDCDB3
RGB	221, 205, 179
RGB Percent	87%, 80%, 70%
CMY	0.1333, 0.1961, 0.2980
CMYK	0.00, 0.07, 0.19, 0.13
HSL	37°, 38%, 78%
HSV	37°, 19%, 87%
XYZ	59.7896, 62.2895, 51.5260
YIQ	206.8200, 17.8820, -4.6940

Conversions

Conversions Part 2

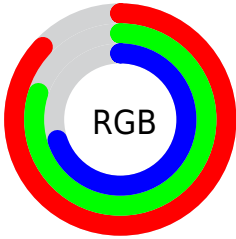
Format	Color
R _Y B	205, 221, 179
Decimal	14536115
CIE Lab	83.07, 1.40, 14.95
CIE LCh	83, 15.017, 84.641
Yxy	62.2895, 0.3444, 0.3588
Android (android.graphics.Color)	4292726195 (0xFFDDCDB3)
YUV	206.8200, -13.7153, 12.4359
Hunter-Lab	78.9237, -2.8917, 16.5386

Details

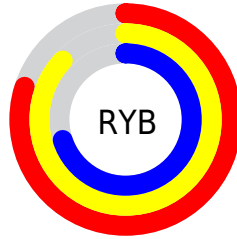
The Yxy color $62.2895, 0.3444, 0.3588$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $53.8455, 0.2825, 0.2973$, and the grayscale version is $62.3589, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7782, 0.3244, 0.3483$, and $31.7466, 0.3530, 0.3668$ is the 20% darker color. If you saturate the color by 10%, you get $57.5460, 0.3637, 0.3753$, and if you desaturate by 10%, it is $67.3989, 0.3269, 0.3428$.

Distribution



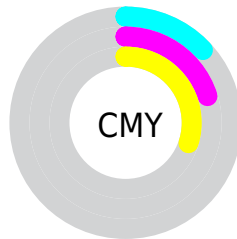
- Red (87%)
- Green (80%)
- Blue (70%)



- Red (80%)
- Yellow (87%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (13%)





- Cyan (13%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2895, 0.3444, 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 62.2895, 0.3444, 0.3588 by changing the saturation by 10% instead.

 62.2895, 0.3444,
0.3588

 62.2895, 0.3444,
0.3588

432.9863, 0.3293,
0.3447

 45.2667, 0.3479,
0.3621


 108.1438, 0.3391,
0.3538

 31.6675, 0.3524,
0.3662


137.7441, 0.3370,
0.3519

 21.1077, 0.3581,
0.3715


172.3057, 0.3353,
0.3503

 13.2027, 0.3657,
0.3784

212.2129, 0.3338,
0.3489

 7.5683, 0.3762,
0.3880

257.8502, 0.3324,
0.3476

 3.8200, 0.3918,
0.4021

309.6019, 0.3313,

 1.5734, 0.4237,

0.3465

0.4311

367.8525, 0.3302,
0.3456

0.3396, 0.5125,
0.4875

0.0000, 0.0000,
0.0000

62.2895, 0.3444,
0.3588

62.2895, 0.3444,
0.3588

57.5460, 0.3637,
0.3753

67.3989, 0.3269,
0.3428

53.1498, 0.3846,
0.3916

72.8756, 0.3112,
0.3275

49.0930, 0.4068,
0.4072

78.7314, 0.2973,
0.3132

45.3638, 0.4296,
0.4208

84.1495, 0.2918,
0.3122

■ 41.9498, 0.4521,
0.4314

■ 89.1893, 0.2921,
0.3209

■ 38.8369, 0.4730,
0.4378

■ 94.1135, 0.2923,
0.3289

■ 36.0092, 0.4912,
0.4392

■ 33.4438, 0.5062,
0.4356

■ 33.1994, 0.5077,
0.4351

Harmonies

Analogous

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



62.2895, 0.3505, 0.3471



62.2895, 0.3444, 0.3588



62.2895, 0.3298, 0.3627

Triad

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



62.2895, 0.3444, 0.3588



62.2895, 0.2804, 0.3252



62.2895, 0.3137, 0.3032

Complementary

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



62.2895, 0.3444, 0.3588



53.8455, 0.2825, 0.2973

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.



62.2895, 0.2951, 0.2973



62.2895, 0.3444, 0.3588



62.2895, 0.2763, 0.3092

Square

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



62.2895, 0.3444, 0.3588



62.2895, 0.2929, 0.3429



62.2895, 0.2816, 0.2993



62.2895, 0.3325, 0.3155

Rectangle

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



62.2895, 0.3444, 0.3588



62.2895, 0.3173, 0.3599



62.2895, 0.2816, 0.2993



62.2895, 0.3072, 0.3004

Sweetspot

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



62.2923, 0.3444, 0.3588



95.3889, 0.3221, 0.3382



51.5643, 0.3360, 0.3105



20.3122, 0.3231, 0.3392



0.0000, 0.0000, 0.0000



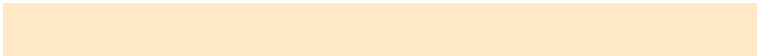
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2923, 0.3444, 0.3588



83.3386, 0.3523, 0.3657



69.5882, 0.3375, 0.3767



14.3867, 0.3276, 0.3434



19.5095, 0.5059, 0.4365



1.4284, 0.4881, 0.4506

Inverse Universe

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



53.8455, 0.2825, 0.2973



69.5119, 0.2754, 0.2894



47.6462, 0.2851, 0.2777



13.4267, 0.2981, 0.3141



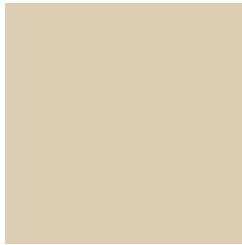
6.9399, 0.1671, 0.1216



0.6129, 0.1762, 0.1545

Previews

White Background



This preview shows how the Yxy color 62.2895, 0.3444, 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 62.2895, 0.3444, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

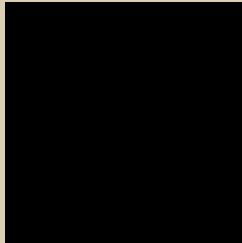
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

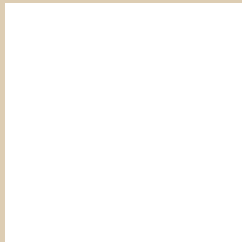
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2895, 0.3444, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 62.2895, 0.3444, 0.3588.



This preview shows how white text looks on a background with the Yxy color 62.2895, 0.3444, 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



Original Color

62.2895, 0.3444, 0.3588

Protanopia

62.1896, 0.3402, 0.3591

Deuteranopia

62.1467, 0.3581, 0.3500



Tritanopia

62.3836, 0.3220, 0.3125

Trichromacy



Original Color

62.2895, 0.3444, 0.3588

Protanomaly

62.3433, 0.3410, 0.3590

Deuteranomaly

62.0575, 0.3527, 0.3526

Tritanomaly

62.3526, 0.3299, 0.3291

Monochromacy



Original Color

62.2895, 0.3444, 0.3588

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.1709, 0.3237, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2895, 0.3444, 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(221, 205, 179)` looks like.

```
.text, #text, p{  
    color:rgb(221, 205, 179)  
}
```

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(221, 205, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 205, 179) }
```

Border

The CSS property to change the border of an element to Yxy 62.2895, 0.3444, 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(221, 205, 179) }
```

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

```
.border{ border-color:rgb(221, 205, 179) }
```

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

Here you see how a box with a 4 pixel rgb(221, 205, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 205, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 205, 179);  
box-shadow:4px 4px 4px 4px rgb(221, 205,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2895, 0.3444, 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(221, 205, 179) }
```

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

```
.background{ background-color: rgb(221,  
205, 179) }
```

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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