

Converting Colors

Yxy(62.1808, 0.3461, 0.3601)

Have a look what the booklet for
Yxy(62.1808, 0.3461, 0.3601)
contains.

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Color

Yxy(62.4066, 0.3460, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	DECDB2
RGB	222, 205, 178
RGB Percent	87%, 80%, 70%
CMY	0.1293, 0.1961, 0.3020
CMYK	0.00, 0.08, 0.20, 0.13
HSL	37°, 40%, 78%
HSV	37°, 20%, 87%
XYZ	59.9963, 62.4066, 50.9969
YIQ	207.0050, 18.7990, -4.7930

Conversions

Conversions Part 2

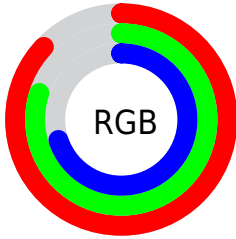
Format	Color
R _Y B	206, 222, 178
Decimal	14601650
CIE Lab	83.13, 1.63, 15.59
CIE LCh	83, 15.678, 84.038
Yxy	62.4066, 0.3460, 0.3599
Android (android.graphics.Color)	4292791730 (0xFFDEADB2)
YUV	207.0050, -14.2995, 13.1506
Hunter-Lab	78.9978, -2.6812, 17.0240

Details

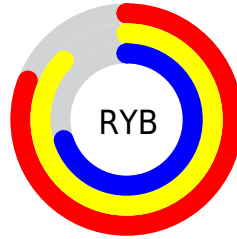
The Yxy color $62.4066, 0.3460, 0.3599$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $53.7776, 0.2811, 0.2960$, and the grayscale version is $62.4880, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7205, 0.3250, 0.3493$, and $31.8294, 0.3551, 0.3681$ is the 20% darker color. If you saturate the color by 10%, you get $57.5931, 0.3655, 0.3763$, and if you desaturate by 10%, it is $67.5955, 0.3283, 0.3440$.

Distribution



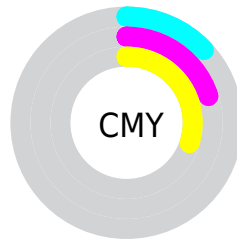
- Red (87%)
- Green (80%)
- Blue (70%)



- Red (81%)
- Yellow (87%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (13%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4066, 0.3460, 0.3599 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 62.4066, 0.3460, 0.3599 by changing the saturation by 10% instead.


 62.4066, 0.3460,
0.3599

 62.4066, 0.3460,
0.3599


433.4127, 0.3302,
0.3453

 45.3613, 0.3497,
0.3633


 108.3130, 0.3404,
0.3548

 31.7421, 0.3544,
0.3676


137.9428, 0.3383,
0.3528

 21.1646, 0.3604,
0.3730


172.5364, 0.3364,
0.3511

 13.2444, 0.3683,
0.3802

212.4780, 0.3348,
0.3496

 7.5970, 0.3793,
0.3900

258.1520, 0.3334,
0.3483

 3.8382, 0.3956,
0.4043

309.9429, 0.3322,

 1.5835, 0.4297,

0.3472

0.4350

368.2350, 0.3311,
0.3462

■ 0.3464, 0.5158,
0.4842

■ 0.0000, 0.0000,
0.0000

■ 62.4066, 0.3460,
0.3599

■ 62.4066, 0.3460,
0.3599

■ 57.5931, 0.3655,
0.3763

■ 67.5955, 0.3283,
0.3440

■ 53.1360, 0.3867,
0.3925

■ 73.1613, 0.3125,
0.3288

■ 49.0270, 0.4091,
0.4077

■ 79.1163, 0.2984,
0.3145

■ 45.2540, 0.4321,
0.4211

■ 84.6861, 0.2925,
0.3129

■ 41.8042, 0.4547,
0.4313

■ 89.8428, 0.2927,
0.3218

■ 38.6630, 0.4757,
0.4372

■ 94.2738, 0.2929,
0.3289

■ 35.8140, 0.4939,
0.4379

■ 33.2314, 0.5090,
0.4339

■ 33.1903, 0.5093,
0.4338

Harmonies

Analogous

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



62.4066, 0.3522, 0.3476



62.4066, 0.3460, 0.3599



62.4066, 0.3308, 0.3642

Triad

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



62.4066, 0.3460, 0.3599



62.4066, 0.2792, 0.3254



62.4066, 0.3133, 0.3019

Complementary

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



62.4066, 0.3460, 0.3599



53.7776, 0.2811, 0.2960

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.



62.4066, 0.2940, 0.2959



62.4066, 0.3460, 0.3599



62.4066, 0.2748, 0.3086

Square

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



62.4066, 0.3460, 0.3599



62.4066, 0.2923, 0.3439



62.4066, 0.2801, 0.2981



62.4066, 0.3330, 0.3146

Rectangle

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



62.4066, 0.3460, 0.3599



62.4066, 0.3179, 0.3614



62.4066, 0.2801, 0.2981



62.4066, 0.3066, 0.2991

Sweetspot

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



62.4094, 0.3460, 0.3599



95.3365, 0.3221, 0.3381



51.3381, 0.3366, 0.3088



20.2998, 0.3232, 0.3391



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.



62.4094, 0.3460, 0.3599



82.4854, 0.3543, 0.3670



70.3178, 0.3392, 0.3788



15.0930, 0.3277, 0.3434



19.9309, 0.5076, 0.4352



1.5536, 0.4904, 0.4488

Inverse Universe

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



53.7776, 0.2811, 0.2960



68.5289, 0.2737, 0.2878



47.1052, 0.2831, 0.2751



14.1080, 0.2981, 0.3142



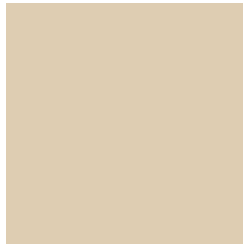
7.2714, 0.1675, 0.1230



0.6740, 0.1761, 0.1539

Previews

White Background



This preview shows how the Yxy color 62.4066, 0.3460, 0.3599 looks on a white background.

Color Contrast Check

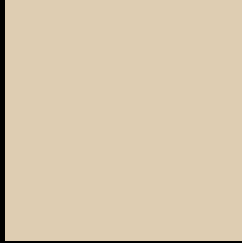
Large Text (above 18pt) WCAG AA × Fail

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 62.4066, 0.3460, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

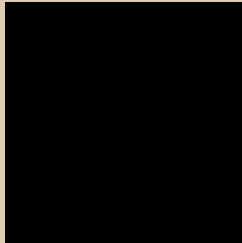
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

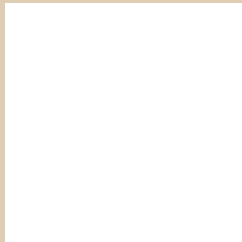
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4066, 0.3460, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 62.4066, 0.3460, 0.3599.



This preview shows how white text looks on a background with the Yxy color 62.4066, 0.3460, 0.3599.

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

62.4066, 0.3460, 0.3599

Protanopia

62.6320, 0.3408, 0.3614

Deuteranopia

62.1060, 0.3589, 0.3511



Tritanopia

62.5457, 0.3228, 0.3126

Trichromacy



Original Color

62.4066, 0.3460, 0.3599

Protanomaly

62.4574, 0.3426, 0.3601

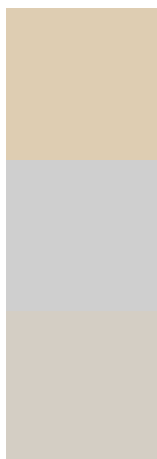
Deuteranomaly

62.1838, 0.3543, 0.3536

Tritanomaly

62.5129, 0.3307, 0.3291

Monochromacy



Original Color

62.4066, 0.3460, 0.3599

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.1252, 0.3245, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4066, 0.3460, 0.3599 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(222, 205, 178)` looks like.

```
.text, #text, p{  
    color:rgb(222, 205, 178)  
}
```

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(222, 205, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 205, 178) }
```

Border

The CSS property to change the border of an element to Yxy 62.4066, 0.3460, 0.3599 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(222, 205, 178) }
```

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

```
.border{ border-color:rgb(222, 205, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 205, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 205, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 205, 178); box-shadow:4px 4px 4px 4px rgb(222, 205, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4066, 0.3460, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 205, 178) }
```

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

```
.background{ background-color: rgb(222,  
205, 178) }
```

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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