

Converting Colors

$Yxy(62.0673, 0.3362, 0.3395)$

Have a look what the booklet for
Yxy(62.0673, 0.3362, 0.3395)
contains.

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Color

Yxy(61.9386, 0.3367, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	E0CAC1
RGB	224, 202, 193
RGB Percent	88%, 79%, 76%
CMY	0.1217, 0.2078, 0.2430
CMYK	0.00, 0.10, 0.14, 0.12
HSL	17°, 33%, 82%
HSV	17°, 14%, 88%
XYZ	61.4821, 61.9386, 59.1813
YIQ	207.5520, 16.0010, 1.8650

Conversions

Conversions Part 2

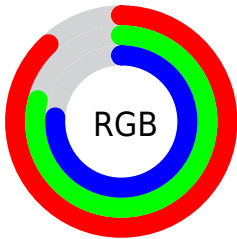
Format	Color
R _Y B	224, 206, 193
Decimal	14731969
CIE Lab	82.88, 6.21, 7.26
CIE LCh	83, 9.558, 49.472
Yxy	61.9386, 0.3367, 0.3392
Android (android.graphics.Color)	4292922049 (0xFFE0CAC1)
YUV	207.5520, -7.1741, 14.4249
Hunter-Lab	78.7011, 1.7191, 10.5061

Details

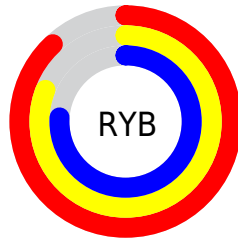
The Yxy color **61.9386, 0.3367, 0.3392** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3142, 0.2914, 0.3186**, and the grayscale version is **62.8115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **31.5083, 0.3429, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **53.9374, 0.3580, 0.3471**, and if you desaturate by 10%, it is **70.8648, 0.3188, 0.3317**.

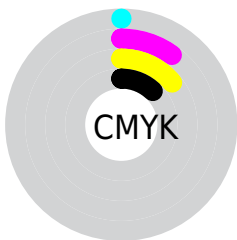
Distribution



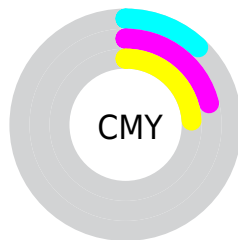
- Red (88%)
- Green (79%)
- Blue (76%)



- Red (88%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (12%)





- Cyan (12%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9386, 0.3367, 0.3392 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 61.9386, 0.3367, 0.3392 by changing the saturation by 10% instead.

 61.9386, 0.3367,
0.3392

 61.9386, 0.3367,
0.3392


431.7071, 0.3252,
0.3345

 44.9831, 0.3394,
0.3403


 107.6368, 0.3326,
0.3375

 31.4441, 0.3428,
0.3416


137.1483, 0.3311,
0.3369

 20.9373, 0.3473,
0.3434


171.6138, 0.3297,
0.3364

 13.0781, 0.3532,
0.3456

211.4179, 0.3286,
0.3359

 7.4824, 0.3616,
0.3487

256.9449, 0.3276,
0.3355

 3.7656, 0.3743,
0.3531

308.5791, 0.3267,

 1.5433, 0.3959,

0.3351

0.3599

366.7051, 0.3259,
0.3347

0.3189, 0.5878,
0.4122

0.0000, 0.0000,
0.0000

61.9386, 0.3367,
0.3392

61.9386, 0.3367,
0.3392

53.9374, 0.3580,
0.3471

70.8648, 0.3188,
0.3317

46.8231, 0.3832,
0.3552

80.7362, 0.3037,
0.3248

40.5668, 0.4125,
0.3630

91.2422, 0.2939,
0.3236

35.1350, 0.4459,
0.3699

94.5828, 0.2940,
0.3289

■ 30.4918, 0.4824,
0.3748

■ 26.5988, 0.5202,
0.3766

■ 23.4135, 0.5558,
0.3742

■ 20.8888, 0.5856,
0.3672

■ 19.6285, 0.6006,
0.3613

Harmonies

Analogous

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



61.9386, 0.3328, 0.3288



61.9386, 0.3367, 0.3392



61.9386, 0.3340, 0.3471

Triad

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



61.9386, 0.3367, 0.3392



61.9386, 0.3019, 0.3396



61.9386, 0.2997, 0.3084

Complementary

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



61.9386, 0.3367, 0.3392



65.3142, 0.2914, 0.3186

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.



61.9386, 0.2918, 0.3108



61.9386, 0.3367, 0.3392



61.9386, 0.2930, 0.3287

Square

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



61.9386, 0.3367, 0.3392



61.9386, 0.3138, 0.3476



61.9386, 0.2893, 0.3181



61.9386, 0.3113, 0.3113

Rectangle

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



61.9386, 0.3367, 0.3392



61.9386, 0.3289, 0.3499



61.9386, 0.2893, 0.3181



61.9386, 0.2966, 0.3086

Sweetspot

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



61.9414, 0.3367, 0.3392



94.8290, 0.3191, 0.3319



58.9110, 0.3209, 0.3044



20.0941, 0.3204, 0.3324



0.0000, 0.0000, 0.0000



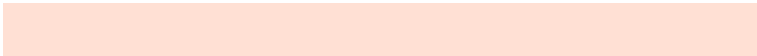
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9414, 0.3367, 0.3392



79.4359, 0.3433, 0.3418



69.4575, 0.3343, 0.3559



14.3458, 0.3285, 0.3359



11.6005, 0.5979, 0.3635



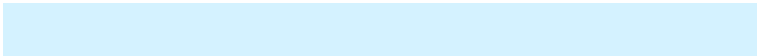
0.9554, 0.5674, 0.3877

Inverse Universe

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



65.3142, 0.2914, 0.3186



84.9140, 0.2863, 0.3159



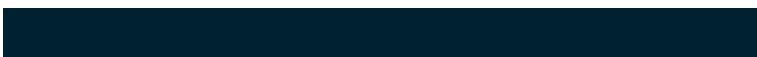
57.9052, 0.2909, 0.3005



14.8647, 0.2982, 0.3220



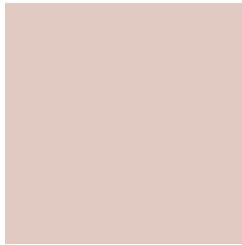
17.7623, 0.1978, 0.2319



1.3830, 0.2024, 0.2487

Previews

White Background



This preview shows how the Yxy color 61.9386, 0.3367, 0.3392 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 61.9386, 0.3367, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

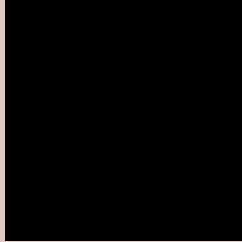
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9386, 0.3367, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 61.9386, 0.3367, 0.3392.



This preview shows how white text looks on a background with the Yxy color 61.9386, 0.3367, 0.3392.

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

61.9386, 0.3367, 0.3392

Protanopia

62.2289, 0.3260, 0.3417

Deuteranopia

61.7308, 0.3421, 0.3346



Tritanopia

62.0328, 0.3237, 0.3125

Trichromacy



Original Color

61.9386, 0.3367, 0.3392

Protanomaly

62.3094, 0.3300, 0.3416

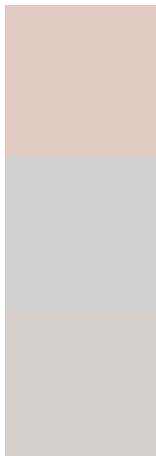
Deuteranomaly

61.6976, 0.3395, 0.3358

Tritanomaly

61.9335, 0.3288, 0.3224

Monochromacy



Original Color

61.9386, 0.3367, 0.3392

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7506, 0.3210, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9386, 0.3367, 0.3392 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(224, 202, 193)` looks like.

```
.text, #text, p{  
    color:rgb(224, 202, 193)  
}
```

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(224, 202, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 202, 193) }
```

Border

The CSS property to change the border of an element to Yxy 61.9386, 0.3367, 0.3392 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(224, 202, 193) }
```

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

```
.border{ border-color:rgb(224, 202, 193) }
```

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

Here you see how a box with a 4 pixel rgb(224, 202, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 202, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 202, 193);  
box-shadow:4px 4px 4px 4px rgb(224, 202,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9386, 0.3367, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 202, 193) }
```

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

```
.background{ background-color: rgb(224,  
202, 193) }
```

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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