

Converting Colors

Yxy(62.3347, 0.3307, 0.3447)

Have a look what the booklet for
Yxy(62.3347, 0.3307, 0.3447)
contains.

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Color

Yxy(62.5473, 0.3305, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	D8CEC0
RGB	216, 206, 192
RGB Percent	85%, 81%, 75%
CMY	0.1530, 0.1921, 0.2470
CMYK	0.00, 0.05, 0.11, 0.15
HSL	35°, 23%, 80%
HSV	35°, 11%, 85%
XYZ	59.9011, 62.5473, 58.7955
YIQ	207.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

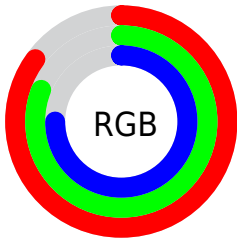
Format	Color
R _Y B	209, 216, 192
Decimal	14208704
CIE Lab	83.20, 1.08, 8.18
CIE LCh	83, 8.248, 82.472
Yxy	62.5473, 0.3305, 0.3451
Android (android.graphics.Color)	4292398784 (0xFFD8CEC0)
YUV	207.3940, -7.5892, 7.5475
Hunter-Lab	79.0869, -3.2044, 11.2828

Details

The Yxy color **62.5473, 0.3305, 0.3451** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4005, 0.2955, 0.3124**, and the grayscale version is **62.7095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **31.8976, 0.3344, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **57.4581, 0.3486, 0.3604**, and if you desaturate by 10%, it is **68.0298, 0.3144, 0.3305**.

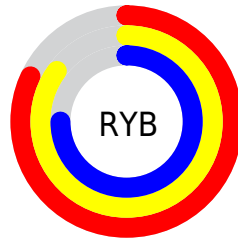
Distribution



Red (85%)

Green (81%)

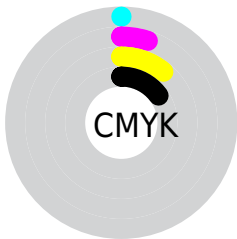
Blue (75%)



Red (82%)

Yellow (85%)

Blue (75%)

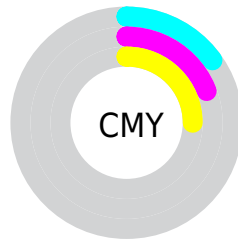


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5473, 0.3305, 0.3451 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 62.5473, 0.3305, 0.3451 by changing the saturation by 10% instead.

■ 62.5473, 0.3305,
0.3451

■ 62.5473, 0.3305,
0.3451

433.9247, 0.3220,
0.3375

■ 45.4751, 0.3325,
0.3469

■ 108.5161, 0.3275,
0.3424

■ 31.8318, 0.3350,
0.3491

138.1815, 0.3264,
0.3414

■ 21.2331, 0.3382,
0.3520

172.8135, 0.3254,
0.3405

■ 13.2945, 0.3425,
0.3559

212.7963, 0.3245,
0.3397

■ 7.6316, 0.3486,
0.3612

258.5145, 0.3238,
0.3391

■ 3.8602, 0.3577,
0.3692

310.3523, 0.3231,

■ 1.5956, 0.3729,

0.3385

0.3824

368.6942, 0.3226,
0.3379

0.3547, 0.5061,
0.4939

0.0000, 0.0000,
0.0000

62.5473, 0.3305,
0.3451

62.5473, 0.3305,
0.3451

57.4581, 0.3486,
0.3604

68.0298, 0.3144,
0.3305

52.7439, 0.3687,
0.3760

73.9071, 0.3001,
0.3169

48.3965, 0.3906,
0.3914

80.0738, 0.2885,
0.3060

44.4047, 0.4139,
0.4059

85.2903, 0.2889,
0.3155

■ 40.7561, 0.4379,
0.4183

■ 90.7695, 0.2893,
0.3248

■ 37.4376, 0.4617,
0.4274

■ 93.3355, 0.2894,
0.3289

■ 34.4345, 0.4838,
0.4322

■ 31.7300, 0.5030,
0.4317

■ 29.5502, 0.5175,
0.4273

Harmonies

Analogous

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



62.5473, 0.3333, 0.3386



62.5473, 0.3305, 0.3451



62.5473, 0.3229, 0.3473

Triad

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



62.5473, 0.3305, 0.3451



62.5473, 0.2952, 0.3278



62.5473, 0.3126, 0.3142

Complementary

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



62.5473, 0.3305, 0.3451



58.4005, 0.2955, 0.3124

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.



62.5473, 0.3024, 0.3113



62.5473, 0.3305, 0.3451



62.5473, 0.2925, 0.3189

Square

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



62.5473, 0.3305, 0.3451



62.5473, 0.3025, 0.3372



62.5473, 0.2952, 0.3129



62.5473, 0.3229, 0.3210

Rectangle

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



62.5473, 0.3305, 0.3451



62.5473, 0.3161, 0.3460



62.5473, 0.2952, 0.3129



62.5473, 0.3090, 0.3128

Sweetspot

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



62.5501, 0.3305, 0.3451



97.5033, 0.3173, 0.3333



56.5679, 0.3246, 0.3175



20.7288, 0.3186, 0.3345



0.0000, 0.0000, 0.0000



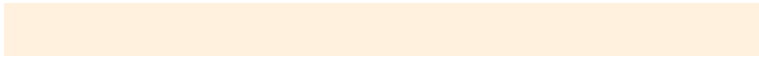
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5501, 0.3305, 0.3451



89.5605, 0.3340, 0.3482



67.2002, 0.3277, 0.3563



13.6137, 0.3277, 0.3426



17.7123, 0.5156, 0.4288



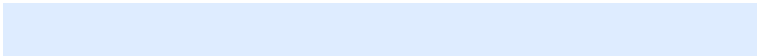
1.2300, 0.4946, 0.4455

Inverse Universe

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



58.4005, 0.2955, 0.3124



82.5101, 0.2923, 0.3091



54.1362, 0.2969, 0.3004



12.8490, 0.2982, 0.3150



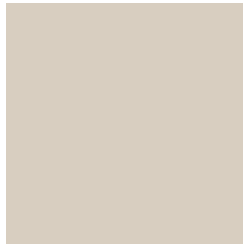
7.4506, 0.1700, 0.1320



0.6107, 0.1795, 0.1663

Previews

White Background



This preview shows how the Yxy color 62.5473, 0.3305, 0.3451 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 62.5473, 0.3305, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

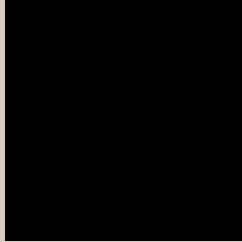
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

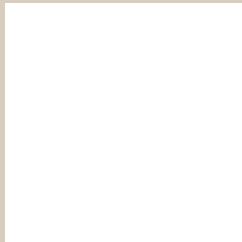
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5473, 0.3305, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 62.5473, 0.3305, 0.3451.

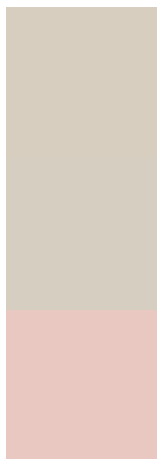


This preview shows how white text looks on a background with the Yxy color 62.5473, 0.3305, 0.3451.

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

62.5473, 0.3305, 0.3451

Protanopia

62.2445, 0.3290, 0.3452

Deuteranopia

62.3146, 0.3436, 0.3368



Tritanopia

62.5187, 0.3151, 0.3112

Trichromacy



Original Color

62.5473, 0.3305, 0.3451

Protanomaly

62.3955, 0.3297, 0.3452

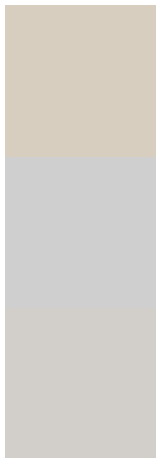
Deuteranomaly

62.2601, 0.3384, 0.3392

Tritanomaly

62.3754, 0.3207, 0.3223

Monochromacy



Original Color

62.5473, 0.3305, 0.3451

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5916, 0.3185, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5473, 0.3305, 0.3451 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(216, 206, 192) looks like.

```
.text, #text, p{  
    color:rgb(216, 206, 192)  
}
```

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(216, 206, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 206, 192) }
```

Border

The CSS property to change the border of an element to Yxy 62.5473, 0.3305, 0.3451 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(216, 206, 192) }
```

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

```
.border{ border-color:rgb(216, 206, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 206, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 206, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 206, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 206,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5473, 0.3305, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 206, 192) }
```

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

```
.background{ background-color: rgb(216,  
206, 192) }
```

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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