

Converting Colors

$Yxy(63.5044, 0.3285, 0.3450)$

Have a look what the booklet for
Yxy(63.5044, 0.3285, 0.3450)
contains.

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Color

Yxy(63.6057, 0.3288, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	D8D0C2
RGB	216, 208, 194
RGB Percent	85%, 82%, 76%
CMY	0.1529, 0.1843, 0.2391
CMYK	0.00, 0.04, 0.10, 0.15
HSL	38°, 22%, 80%
HSV	38°, 10%, 85%
XYZ	60.6190, 63.6057, 60.1397
YIQ	208.7960, 9.2620, -2.6580

Conversions

Conversions Part 2

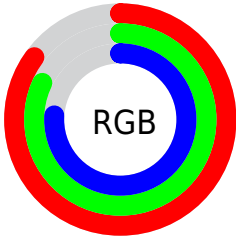
Format	Color
R _Y B	207, 216, 194
Decimal	14209218
CIE Lab	83.76, 0.39, 7.90
CIE LCh	84, 7.914, 87.192
Yxy	63.6057, 0.3288, 0.3450
Android (android.graphics.Color)	4292399298 (0xFFD8D0C2)
YUV	208.7960, -7.2944, 6.3179
Hunter-Lab	79.7532, -3.8933, 11.1183

Details

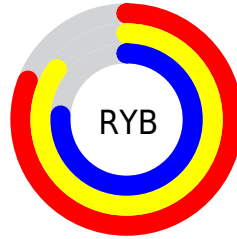
The Yxy color **63.6057, 0.3288, 0.3450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6991, 0.2970, 0.3125**, and the grayscale version is **63.6687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **32.5817, 0.3331, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **58.9589, 0.3464, 0.3615**, and if you desaturate by 10%, it is **68.5902, 0.3130, 0.3293**.

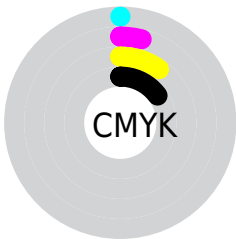
Distribution



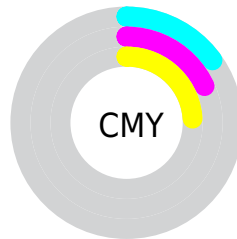
- Red (85%)
- Green (82%)
- Blue (76%)



- Red (81%)
- Yellow (85%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6057, 0.3288, 0.3450 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 63.6057, 0.3288, 0.3450 by changing the saturation by 10% instead.

■ 63.6057, 0.3288,
0.3450

■ 63.6057, 0.3288,
0.3450

■ 437.7644, 0.3212,
0.3374

■ 46.3314, 0.3306,
0.3468

■ 110.0429, 0.3261,
0.3423

■ 32.5074, 0.3328,
0.3490

■ 139.9745, 0.3251,
0.3413

■ 21.7494, 0.3357,
0.3519

■ 174.8941, 0.3242,
0.3404

■ 13.6728, 0.3396,
0.3557

■ 215.1860, 0.3234,
0.3397

■ 7.8935, 0.3449,
0.3610

■ 261.2345, 0.3228,
0.3390

■ 4.0269, 0.3530,
0.3689

■ 313.4242, 0.3222,

■ 1.6886, 0.3663,

0.3384

0.3819

372.1393, 0.3216,
0.3379

0.4163, 0.4932,
0.5068

0.0000, 0.0000,
0.0000

63.6057, 0.3288,
0.3450

63.6057, 0.3288,
0.3450

58.9589, 0.3464,
0.3615

68.5902, 0.3130,
0.3293

54.6327, 0.3656,
0.3783

73.9123, 0.2989,
0.3145

50.6204, 0.3864,
0.3950

79.3332, 0.2885,
0.3046

46.9122, 0.4082,
0.4107

83.8612, 0.2888,
0.3129

■ 43.4975, 0.4304,
0.4244

■ 88.5907, 0.2891,
0.3212

■ 40.3646, 0.4520,
0.4349

■ 93.3417, 0.2894,
0.3289

■ 37.5006, 0.4719,
0.4411

■ 34.8908, 0.4890,
0.4423

■ 32.5510, 0.5029,
0.4389

Harmonies

Analogous

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



63.6057, 0.3323, 0.3394



63.6057, 0.3288, 0.3450



63.6057, 0.3210, 0.3464

Triad

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



63.6057, 0.3288, 0.3450



63.6057, 0.2953, 0.3264



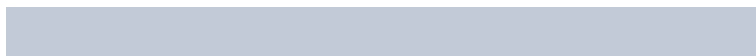
63.6057, 0.3142, 0.3157

Complementary

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



63.6057, 0.3288, 0.3450



58.6991, 0.2970, 0.3125

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.



63.6057, 0.3043, 0.3122



63.6057, 0.3288, 0.3450



63.6057, 0.2935, 0.3182

Square

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



63.6057, 0.3288, 0.3450



63.6057, 0.3016, 0.3355



63.6057, 0.2968, 0.3131



63.6057, 0.3238, 0.3226

Rectangle

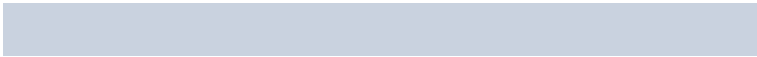
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.6057, 0.3288, 0.3450



63.6057, 0.3144, 0.3445



63.6057, 0.2968, 0.3131



63.6057, 0.3108, 0.3141

Sweetspot

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



63.6085, 0.3288, 0.3450



97.7491, 0.3173, 0.3337



57.4687, 0.3244, 0.3198



20.7952, 0.3186, 0.3349



0.0000, 0.0000, 0.0000



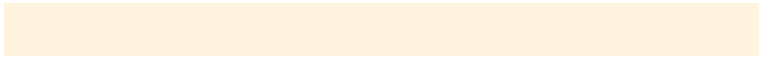
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6085, 0.3288, 0.3450



91.2660, 0.3321, 0.3481



67.1767, 0.3256, 0.3541



13.7226, 0.3275, 0.3438



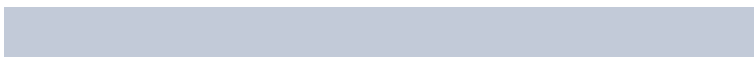
19.4752, 0.5013, 0.4402



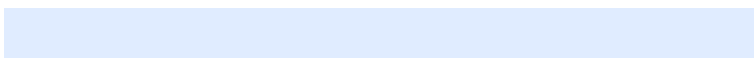
1.3298, 0.4835, 0.4543

Inverse Universe

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



58.6991, 0.2970, 0.3125



82.8717, 0.2939, 0.3091



55.4226, 0.2991, 0.3030



12.7432, 0.2982, 0.3138



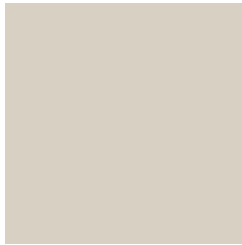
6.4163, 0.1659, 0.1173



0.5422, 0.1757, 0.1524

Previews

White Background



This preview shows how the Yxy color 63.6057, 0.3288, 0.3450 looks on a white background.

Color Contrast Check

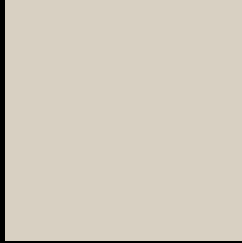
Large Text (above 18pt) WCAG AA × Fail

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 63.6057, 0.3288, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

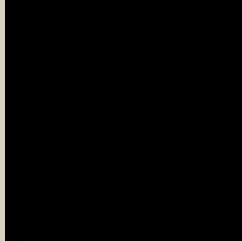
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

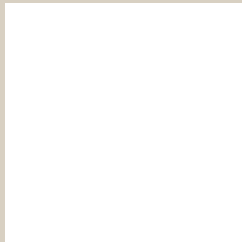
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6057, 0.3288, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 63.6057, 0.3288, 0.3450.

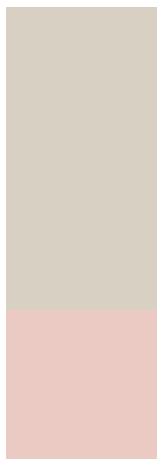


This preview shows how white text looks on a background with the Yxy color 63.6057, 0.3288, 0.3450.

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

63.6057, 0.3288, 0.3450

Protanopia

63.6057, 0.3288, 0.3450

Deuteranopia

63.6736, 0.3433, 0.3368



Tritanopia

63.5687, 0.3135, 0.3113

Trichromacy



Original Color

63.6057, 0.3288, 0.3450

Protanomaly

63.6057, 0.3288, 0.3450

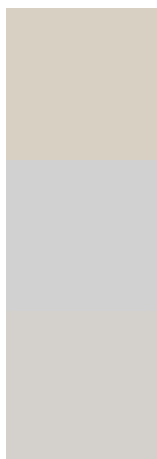
Deuteranomaly

63.4568, 0.3373, 0.3391

Tritanomaly

63.4259, 0.3191, 0.3223

Monochromacy



Original Color

63.6057, 0.3288, 0.3450

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9576, 0.3185, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6057, 0.3288, 0.3450 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, 208, 194)` looks like.

```
.text, #text, p{  
    color:rgb(216, 208, 194)  
}
```

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, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 208, 194) }
```

Border

The CSS property to change the border of an element to Yxy 63.6057, 0.3288, 0.3450 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, 208, 194) }
```

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

```
.border{ border-color:rgb(216, 208, 194) }
```

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

Here you see how a box with a 4 pixel rgb(216, 208, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 208, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 208, 194);  
box-shadow:4px 4px 4px 4px rgb(216, 208,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6057, 0.3288, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 208, 194) }
```

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

```
.background{ background-color: rgb(216,  
208, 194) }
```

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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