

Converting Colors

$Yxy(60.7236, 0.3248, 0.3372)$

Have a look what the booklet for
Yxy(60.7236, 0.3248, 0.3372)
contains.

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Color

Yxy(60.6944, 0.3248, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	D4CBC4
RGB	212, 203, 196
RGB Percent	83%, 80%, 77%
CMY	0.1685, 0.2039, 0.2313
CMYK	0.00, 0.04, 0.08, 0.17
HSL	26°, 16%, 80%
HSV	26°, 8%, 83%
XYZ	58.4798, 60.6944, 60.8744
YIQ	204.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

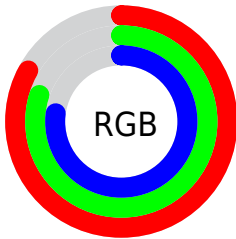
Format	Color
R_{YB}	212, 208, 196
Decimal	13945796
CIE Lab	82.21, 1.93, 4.57
CIE LCh	82, 4.963, 67.147
Yxy	60.6944, 0.3248, 0.3371
Android (android.graphics.Color)	4292135876 (0xFFD4CBC4)
YUV	204.8930, -4.3842, 6.2328
Hunter-Lab	77.9066, -2.3474, 8.2068

Details

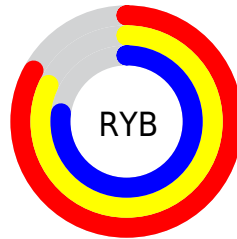
The Yxy color **60.6944, 0.3248, 0.3371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1890, 0.3011, 0.3208**, and the grayscale version is **61.0082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **30.6160, 0.3278, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **54.3594, 0.3430, 0.3484**, and if you desaturate by 10%, it is **67.6081, 0.3091, 0.3265**.

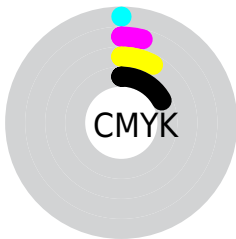
Distribution



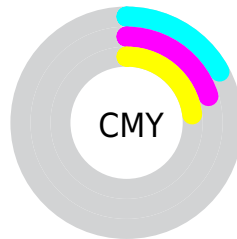
- Red (83%)
- Green (80%)
- Blue (77%)



- Red (83%)
- Yellow (82%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6944, 0.3248, 0.3371 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 60.6944, 0.3248, 0.3371 by changing the saturation by 10% instead.

■ 60.6944, 0.3248,
0.3371

■ 60.6944, 0.3248,
0.3371

427.1526, 0.3190,
0.3333

■ 43.9786, 0.3262,
0.3380

105.8363, 0.3227,
0.3357

■ 30.6537, 0.3279,
0.3391

135.0312, 0.3220,
0.3352

■ 20.3353, 0.3301,
0.3406

169.1546, 0.3213,
0.3348

■ 12.6390, 0.3332,
0.3426

208.5909, 0.3207,
0.3344

■ 7.1804, 0.3374,
0.3453

253.7244, 0.3202,
0.3341

■ 3.5752, 0.3439,
0.3494

304.9396, 0.3198,

■ 1.4389, 0.3551,

0.3338

362.6209, 0.3194,
0.3335

0.3564

0.2451, 0.5332,
0.4668

0.0000, 0.0000,
0.0000

60.6944, 0.3248,
0.3371

60.6944, 0.3248,
0.3371

54.3594, 0.3430,
0.3484

67.6081, 0.3091,
0.3265

48.5796, 0.3640,
0.3602

75.1073, 0.2955,
0.3166

43.3415, 0.3879,
0.3721

82.9066, 0.2864,
0.3122

38.6278, 0.4146,
0.3834

90.1491, 0.2870,
0.3247

■ 34.4204, 0.4438,
0.3932

■ 92.7415, 0.2872,
0.3289

■ 30.7000, 0.4743,
0.4004

■ 27.4455, 0.5045,
0.4037

■ 24.6337, 0.5323,
0.4019

■ 22.2367, 0.5557,
0.3948

Harmonies

Analogous

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



60.6944, 0.3248, 0.3323



60.6944, 0.3248, 0.3371



60.6944, 0.3216, 0.3398

Triad

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



60.6944, 0.3248, 0.3371



60.6944, 0.3040, 0.3313



60.6944, 0.3094, 0.3187

Complementary

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



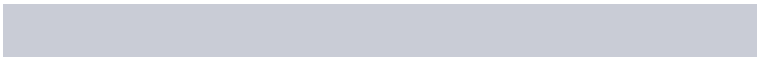
60.6944, 0.3248, 0.3371



60.1890, 0.3011, 0.3208

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.



60.6944, 0.3039, 0.3183



60.6944, 0.3248, 0.3371



60.6944, 0.3008, 0.3255

Square

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



60.6944, 0.3248, 0.3371



60.6944, 0.3095, 0.3365



60.6944, 0.3008, 0.3208



60.6944, 0.3158, 0.3217

Rectangle

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



60.6944, 0.3248, 0.3371



60.6944, 0.3180, 0.3400



60.6944, 0.3008, 0.3208



60.6944, 0.3074, 0.3183

Sweetspot

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



60.6971, 0.3248, 0.3371



97.8518, 0.3158, 0.3311



57.9072, 0.3187, 0.3185



20.9669, 0.3157, 0.3310



0.0000, 0.0000, 0.0000



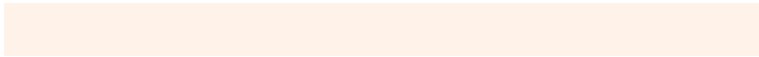
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6971, 0.3248, 0.3371



90.6161, 0.3275, 0.3388



64.5585, 0.3239, 0.3462



13.3010, 0.3280, 0.3392



13.5866, 0.5587, 0.3946



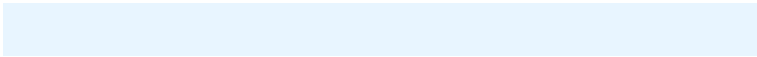
0.9824, 0.5287, 0.4184

Inverse Universe

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



60.1890, 0.3011, 0.3208



89.6960, 0.2987, 0.3190



56.4711, 0.3012, 0.3112



13.1609, 0.2982, 0.3186



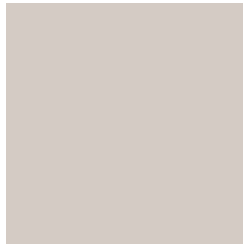
11.3904, 0.1836, 0.1808



0.8504, 0.1914, 0.2088

Previews

White Background



This preview shows how the Yxy color 60.6944, 0.3248, 0.3371 looks on a white background.

Color Contrast Check

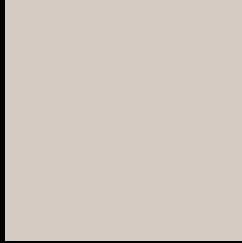
Large Text (above 18pt) WCAG AA × Fail

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 60.6944, 0.3248, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

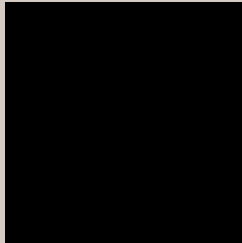
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

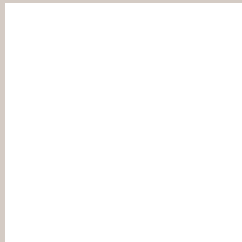
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6944, 0.3248, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 60.6944, 0.3248, 0.3371.

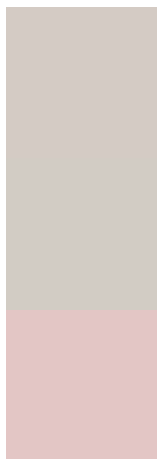


This preview shows how white text looks on a background with the Yxy color 60.6944, 0.3248, 0.3371.

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

60.6944, 0.3248, 0.3371

Protanopia

60.8729, 0.3231, 0.3383

Deuteranopia

60.7503, 0.3367, 0.3302



Tritanopia

60.7135, 0.3128, 0.3109

Trichromacy



Original Color

60.6944, 0.3248, 0.3371

Protanomaly

61.0201, 0.3239, 0.3383

Deuteranomaly

60.8694, 0.3324, 0.3325

Tritanomaly

60.6729, 0.3170, 0.3199

Monochromacy



Original Color

60.6944, 0.3248, 0.3371

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8599, 0.3172, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6944, 0.3248, 0.3371 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(212, 203, 196)` looks like.

```
.text, #text, p{  
    color:rgb(212, 203, 196)  
}
```

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(212, 203, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 203, 196) }
```

Border

The CSS property to change the border of an element to Yxy 60.6944, 0.3248, 0.3371 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(212, 203, 196) }
```

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

```
.border{ border-color:rgb(212, 203, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 203, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 203, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 203, 196);  
box-shadow:4px 4px 4px 4px rgb(212, 203,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6944, 0.3248, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 203, 196) }
```

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

```
.background{ background-color: rgb(212,  
203, 196) }
```

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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