

Converting Colors

Yxy(60.4394, 0.3220, 0.3421)

Have a look what the booklet for
Yxy(60.4394, 0.3220, 0.3421)
contains.

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Color

Yxy(60.6347, 0.3221, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	CECDC1
RGB	206, 205, 193
RGB Percent	81%, 80%, 76%
CMY	0.1919, 0.1961, 0.2430
CMYK	0.00, 0.01, 0.06, 0.19
HSL	55°, 12%, 78%
HSV	55°, 6%, 81%
XYZ	56.9235, 60.6347, 59.1679
YIQ	203.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

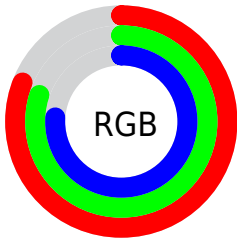
Format	Color
RYB	194, 206, 193
Decimal	13553089
CIELab	82.18, -1.74, 6.07
CIELCh	82, 6.317, 105.991
Yxy	60.6347, 0.3221, 0.3431
Android (android.graphics.Color)	4291743169 (0xFFCECDC1)
YUV	203.9310, -5.3890, 1.8145
Hunter-Lab	77.8683, -5.7820, 9.4566

Details

The Yxy color **60.6347, 0.3221, 0.3431** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4230, 0.3031, 0.3145**, and the grayscale version is **60.3769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **30.7021, 0.3242, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **58.9776, 0.3375, 0.3661**, and if you desaturate by 10%, it is **62.4339, 0.3074, 0.3210**.

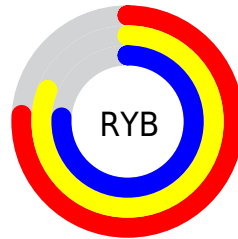
Distribution



Red (81%)

Green (80%)

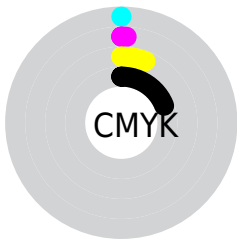
Blue (76%)



Red (76%)

Yellow (81%)

Blue (76%)

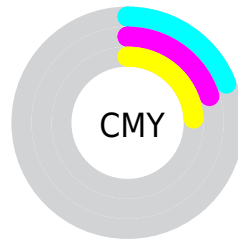


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (19%)



Cyan (19%)

Magenta (20%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6347, 0.3221, 0.3431 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 60.6347, 0.3221, 0.3431 by changing the saturation by 10% instead.

■ 60.6347, 0.3221,
0.3431

■ 60.6347, 0.3221,
0.3431

426.9333, 0.3176,
0.3363

■ 43.9304, 0.3232,
0.3447

■ 105.7498, 0.3205,
0.3407

■ 30.6158, 0.3245,
0.3467

134.9295, 0.3199,
0.3398

■ 20.3065, 0.3262,
0.3494

169.0364, 0.3194,
0.3390

■ 12.6180, 0.3285,
0.3529

208.4549, 0.3189,
0.3383

■ 7.1660, 0.3317,
0.3579

253.5695, 0.3186,
0.3377

■ 3.5662, 0.3366,
0.3656

304.7645, 0.3182,

■ 1.4340, 0.3448,

0.3372

0.3788

362.4243, 0.3179,
0.3368

0.2416, 0.4365,
0.5635

0.0000, 0.0000,
0.0000

60.6347, 0.3221,
0.3431

60.6347, 0.3221,
0.3431

58.9776, 0.3375,
0.3661

62.4339, 0.3074,
0.3210

57.4494, 0.3534,
0.3893

64.3724, 0.2937,
0.3001

56.0471, 0.3693,
0.4122

66.4574, 0.2810,
0.2806

54.7646, 0.3846,
0.4337

67.3059, 0.2811,
0.2824

■ 53.5952, 0.3988,
0.4530

■ 68.1528, 0.2812,
0.2842

■ 52.5317, 0.4111,
0.4691

■ 69.0086, 0.2813,
0.2861

■ 51.5657, 0.4212,
0.4813

■ 69.8733, 0.2814,
0.2880

■ 50.6875, 0.4285,
0.4890

■ 70.7468, 0.2815,
0.2898

■ 49.8850, 0.4332,
0.4925

■ 71.6293, 0.2816,
0.2917

Harmonies

Analogous

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



60.6347, 0.3273, 0.3406



60.6347, 0.3221, 0.3431



60.6347, 0.3144, 0.3417

Triad

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



60.6347, 0.3221, 0.3431



60.6347, 0.2972, 0.3226



60.6347, 0.3190, 0.3214

Complementary

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



60.6347, 0.3221, 0.3431



54.4230, 0.3031, 0.3145

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.



60.6347, 0.3109, 0.3167



60.6347, 0.3221, 0.3431



60.6347, 0.2983, 0.3173

Square

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



60.6347, 0.3221, 0.3431



60.6347, 0.3001, 0.3297



60.6347, 0.3033, 0.3152



60.6347, 0.3255, 0.3281

Rectangle

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



60.6347, 0.3221, 0.3431



60.6347, 0.3090, 0.3387



60.6347, 0.3033, 0.3152



60.6347, 0.3164, 0.3196

Sweetspot

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



60.6373, 0.3221, 0.3431



99.4096, 0.3157, 0.3335



55.1795, 0.3225, 0.3277



21.2840, 0.3155, 0.3332



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.



60.6373, 0.3221, 0.3431



97.6935, 0.3248, 0.3471



60.3857, 0.3178, 0.3445



12.9333, 0.3268, 0.3501



30.5927, 0.4343, 0.4934



1.6258, 0.4310, 0.4959

Inverse Universe

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



54.4230, 0.3031, 0.3145



84.9612, 0.3003, 0.3102



54.6762, 0.3074, 0.3134



10.9892, 0.2982, 0.3070



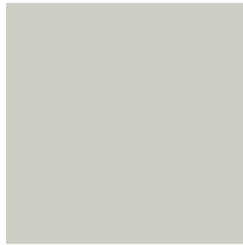
3.0468, 0.1517, 0.0659



0.2096, 0.1569, 0.0848

Previews

White Background



This preview shows how the Yxy color 60.6347, 0.3221, 0.3431 looks on a white background.

Color Contrast Check

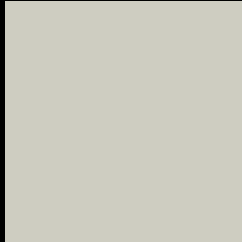
Large Text (above 18pt) WCAG AA × Fail

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 60.6347, 0.3221, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

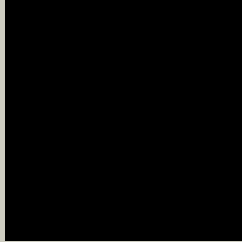
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

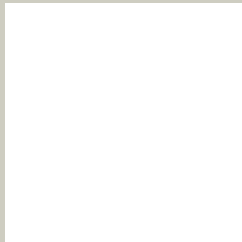
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6347, 0.3221, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 60.6347, 0.3221, 0.3431.



This preview shows how white text looks on a background with the Yxy color 60.6347, 0.3221, 0.3431.

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

60.6347, 0.3221, 0.3431

Protanopia

60.8404, 0.3268, 0.3430

Deuteranopia

60.3666, 0.3392, 0.3313



Tritanopia

60.4847, 0.3082, 0.3108

Trichromacy



Original Color

60.6347, 0.3221, 0.3431

Protanomaly

60.5468, 0.3253, 0.3431

Deuteranomaly

60.4192, 0.3331, 0.3359

Tritanomaly

60.3504, 0.3138, 0.3221

Monochromacy



Original Color

60.6347, 0.3221, 0.3431

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3350, 0.3163, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6347, 0.3221, 0.3431 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(206, 205, 193)` looks like.

```
.text, #text, p{  
    color:rgb(206, 205, 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(206, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 205, 193) }
```

Border

The CSS property to change the border of an element to Yxy 60.6347, 0.3221, 0.3431 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(206, 205, 193) }
```

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

```
.border{ border-color:rgb(206, 205, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 205, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(206, 205,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6347, 0.3221, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 205, 193) }
```

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

```
.background{ background-color: rgb(206,  
205, 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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