

Converting Colors

$Yxy(69.1328, 0.3259, 0.3532)$

Have a look what the booklet for
Yxy(69.1328, 0.3259, 0.3532)
contains.

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Color

Yxy(69.4460, 0.3261, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	D9DBC5
RGB	217, 219, 197
RGB Percent	85%, 86%, 77%
CMY	0.1490, 0.1412, 0.2273
CMYK	0.01, 0.00, 0.10, 0.14
HSL	65°, 23%, 82%
HSV	65°, 10%, 86%
XYZ	64.0270, 69.4460, 62.8686
YIQ	215.8940, 5.8700, -7.2660

Conversions

Conversions Part 2

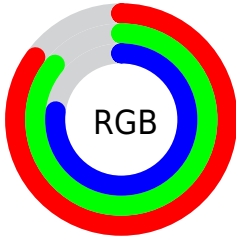
Format	Color
RYB	197, 219, 199
Decimal	14277573
CIELab	86.72, -4.47, 10.57
CIELCh	87, 11.477, 112.927
Yxy	69.4460, 0.3261, 0.3537
Android (android.graphics.Color)	4292467653 (0xFFD9DBC5)
YUV	215.8940, -9.3147, 0.9700
Hunter-Lab	83.3343, -8.6907, 13.6048

Details

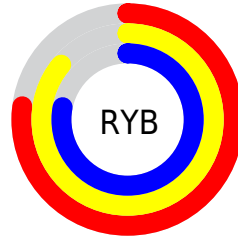
The Yxy color **69.4460, 0.3261, 0.3537** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2059, 0.2986, 0.3033**, and the grayscale version is **68.6578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **36.2155, 0.3294, 0.3601** is the 20% darker color. If you saturate the color by 10%, you get **68.2126, 0.3397, 0.3792**, and if you desaturate by 10%, it is **70.8351, 0.3128, 0.3291**.

Distribution



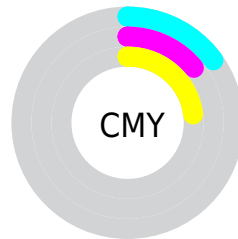
- Red (85%)
- Green (86%)
- Blue (77%)



- Red (77%)
- Yellow (86%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4460, 0.3261, 0.3537 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 69.4460, 0.3261, 0.3537 by changing the saturation by 10% instead.

■ 69.4460, 0.3261,
0.3537

■ 69.4460, 0.3261,
0.3537

458.6024, 0.3199,
0.3421

■ 51.0750, 0.3275,
0.3564

118.4184, 0.3239,
0.3496

■ 36.2683, 0.3293,
0.3598

149.7886, 0.3231,
0.3480

■ 24.6415, 0.3315,
0.3641

186.2606, 0.3224,
0.3467

■ 15.8102, 0.3344,
0.3698

228.2189, 0.3218,
0.3455

■ 9.3899, 0.3383,
0.3778

276.0478, 0.3212,
0.3445

■ 4.9964, 0.3439,
0.3896

330.1318, 0.3207,

■ 2.2451, 0.3526,

0.3436

0.4086

390.8552, 0.3203,
0.3428

0.7444, 0.4231,
0.5263

0.0000, 0.0000,
0.0000

69.4460, 0.3261,
0.3537

69.4460, 0.3261,
0.3537

68.2126, 0.3397,
0.3792

70.8351, 0.3128,
0.3291

67.1194, 0.3532,
0.4049


72.3765, 0.3000,
0.3058


66.1628, 0.3660,
0.4300

73.5712, 0.2926,
0.2916


65.3355, 0.3777,
0.4535

73.8902, 0.2939,
0.2917


 64.6294, 0.3876,
0.4743

 74.2130, 0.2952,
0.2919


 64.0358, 0.3952,
0.4916


 74.5395, 0.2965,
0.2920


 63.5445, 0.4004,
0.5046

 74.8698, 0.2979,
0.2922

 63.1434, 0.4029,
0.5132

 75.2039, 0.2992,
0.2923

 62.8121, 0.4032,
0.5180

 75.5418, 0.3006,
0.2925

Harmonies

Analogous

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



69.4460, 0.3365, 0.3507



69.4460, 0.3261, 0.3537



69.4460, 0.3123, 0.3498

Triad

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



69.4460, 0.3261, 0.3537



69.4460, 0.2857, 0.3151



69.4460, 0.3266, 0.3184

Complementary

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



69.4460, 0.3261, 0.3537



57.2059, 0.2986, 0.3033

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.



69.4460, 0.3127, 0.3094



69.4460, 0.3261, 0.3537



69.4460, 0.2893, 0.3073

Square

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



69.4460, 0.3261, 0.3537



69.4460, 0.2891, 0.3271



69.4460, 0.2991, 0.3053



69.4460, 0.3368, 0.3302

Rectangle

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



69.4460, 0.3261, 0.3537



69.4460, 0.3030, 0.3437



69.4460, 0.2991, 0.3053



69.4460, 0.3222, 0.3150

Sweetspot

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



69.4490, 0.3261, 0.3537



99.3850, 0.3167, 0.3363



59.8749, 0.3301, 0.3311



21.2380, 0.3178, 0.3383



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.



69.4490, 0.3261, 0.3537



97.6583, 0.3289, 0.3589



67.8455, 0.3181, 0.3543



15.2004, 0.3253, 0.3522



37.2685, 0.4035, 0.5178



2.4324, 0.4062, 0.5156

Inverse Universe

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



57.2059, 0.2986, 0.3033



77.1083, 0.2954, 0.2976



58.7387, 0.3068, 0.3039



12.6737, 0.2995, 0.3049



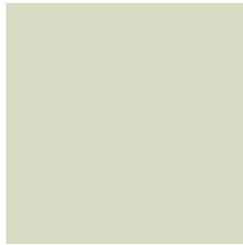
3.1411, 0.1532, 0.0618



0.2235, 0.1620, 0.0666

Previews

White Background



This preview shows how the Yxy color 69.4460, 0.3261, 0.3537 looks on a white background.

Color Contrast Check

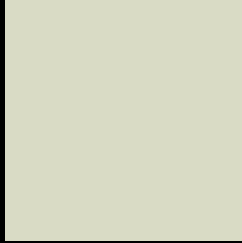
Large Text (above 18pt) WCAG AA × Fail

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 69.4460, 0.3261, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

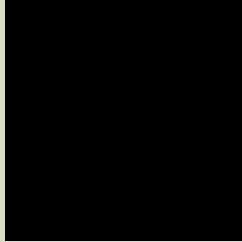
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

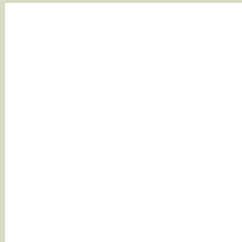
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4460, 0.3261, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 69.4460, 0.3261, 0.3537.



This preview shows how white text looks on a background with the Yxy color 69.4460, 0.3261, 0.3537.

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

69.4460, 0.3261, 0.3537

Protanopia

69.2660, 0.3340, 0.3511

Deuteranopia

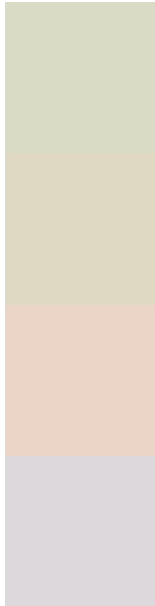
69.1369, 0.3477, 0.3397



Tritanopia

69.3923, 0.3071, 0.3107

Trichromacy



Original Color

69.4460, 0.3261, 0.3537

Protanomaly

69.2992, 0.3316, 0.3524

Deuteranomaly

69.3279, 0.3399, 0.3453

Tritanomaly

69.4419, 0.3136, 0.3257

Monochromacy



Original Color

69.4460, 0.3261, 0.3537

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8281, 0.3174, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4460, 0.3261, 0.3537 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(217, 219, 197)` looks like.

```
.text, #text, p{  
    color:rgb(217, 219, 197)  
}
```

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(217, 219, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 219, 197) }
```

Border

The CSS property to change the border of an element to Yxy 69.4460, 0.3261, 0.3537 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(217, 219, 197) }
```

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

```
.border{ border-color:rgb(217, 219, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 219, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 219, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 219, 197);  
box-shadow:4px 4px 4px 4px rgb(217, 219,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4460, 0.3261, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 219, 197) }
```

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

```
.background{ background-color: rgb(217,  
219, 197) }
```

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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