

Converting Colors

Yxy(66.0344, 0.3242, 0.3436)

Have a look what the booklet for
Yxy(66.0344, 0.3242, 0.3436)
contains.

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Color

Yxy(65.8560, 0.3241, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	D8D4C8
RGB	216, 212, 200
RGB Percent	85%, 83%, 78%
CMY	0.1527, 0.1687, 0.2157
CMYK	0.00, 0.02, 0.07, 0.15
HSL	45°, 17%, 82%
HSV	45°, 7%, 85%
XYZ	62.2999, 65.8560, 64.0683
YIQ	211.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

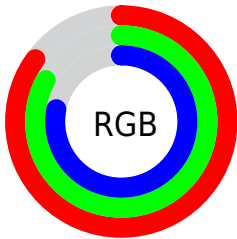
Format	Color
R _Y B	205, 216, 200
Decimal	14210248
CIE Lab	84.92, -0.68, 6.41
CIE LCh	85, 6.448, 96.079
Yxy	65.8560, 0.3241, 0.3426
Android (android.graphics.Color)	4292400328 (0xFFD8D4C8)
YUV	211.8280, -5.8312, 3.6588
Hunter-Lab	81.1517, -4.9817, 9.9974

Details

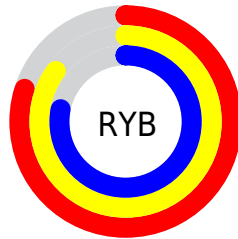
The Yxy color **65.8560, 0.3241, 0.3426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4573, 0.3013, 0.3150**, and the grayscale version is **65.7608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7663, 0.3268, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **62.2278, 0.3406, 0.3616**, and if you desaturate by 10%, it is **69.7255, 0.3090, 0.3244**.

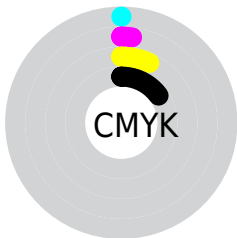
Distribution



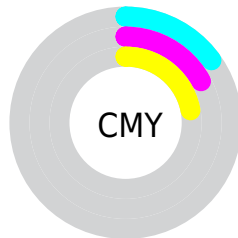
- Red (85%)
- Green (83%)
- Blue (78%)



- Red (80%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8560, 0.3241, 0.3426 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 65.8560, 0.3241, 0.3426 by changing the saturation by 10% instead.

■ 65.8560, 0.3241,
0.3426

■ 65.8560, 0.3241,
0.3426

445.8617, 0.3187,
0.3362

■ 48.1555, 0.3253,
0.3441

113.2796, 0.3222,
0.3403

■ 33.9501, 0.3269,
0.3460

143.7716, 0.3215,
0.3395

■ 22.8552, 0.3289,
0.3484

179.2961, 0.3209,
0.3387

■ 14.4867, 0.3315,
0.3516

220.2376, 0.3203,
0.3381

■ 8.4599, 0.3352,
0.3560

266.9806, 0.3199,
0.3375

■ 4.3906, 0.3407,
0.3626

319.9093, 0.3194,

■ 1.8944, 0.3496,

0.3370

379.4082, 0.3191,
0.3366

0.3735

0.5450, 0.4208,
0.4574

0.0000, 0.0000,
0.0000

65.8560, 0.3241,
0.3426

65.8560, 0.3241,
0.3426

62.2278, 0.3406,
0.3616

69.7255, 0.3090,
0.3244

58.8255, 0.3582,
0.3811

73.8343, 0.2952,
0.3074

55.6447, 0.3768,
0.4004

77.5430, 0.2884,
0.3012

52.6775, 0.3957,
0.4188

80.6108, 0.2886,
0.3070

■ 49.9154, 0.4144,
0.4352

■ 83.7750, 0.2888,
0.3128

■ 47.3492, 0.4321,
0.4486

■ 87.0363, 0.2891,
0.3185

■ 44.9685, 0.4478,
0.4581

■ 90.3957, 0.2893,
0.3241

■ 42.7612, 0.4608,
0.4628

■ 93.3479, 0.2895,
0.3289

■ 40.7113, 0.4708,
0.4628

Harmonies

Analogous

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



65.8560, 0.3281, 0.3390



65.8560, 0.3241, 0.3426



65.8560, 0.3171, 0.3425

Triad

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



65.8560, 0.3241, 0.3426



65.8560, 0.2978, 0.3248



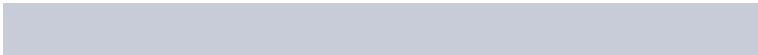
65.8560, 0.3163, 0.3197

Complementary

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



65.8560, 0.3241, 0.3426



60.4573, 0.3013, 0.3150

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.



65.8560, 0.3082, 0.3159



65.8560, 0.3241, 0.3426



65.8560, 0.2976, 0.3188

Square

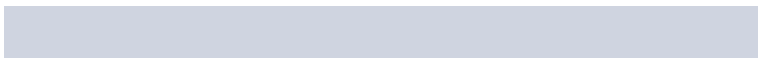
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8560, 0.3241, 0.3426



65.8560, 0.3019, 0.3321



65.8560, 0.3014, 0.3156



65.8560, 0.3236, 0.3258

Rectangle

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



65.8560, 0.3241, 0.3426



65.8560, 0.3117, 0.3403



65.8560, 0.3014, 0.3156



65.8560, 0.3136, 0.3181

Sweetspot

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



65.8589, 0.3241, 0.3426



98.8540, 0.3157, 0.3326



60.2878, 0.3222, 0.3241



21.1709, 0.3156, 0.3325



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.



65.8589, 0.3241, 0.3426



94.9542, 0.3267, 0.3457



67.3551, 0.3209, 0.3473



13.9622, 0.3273, 0.3463



23.9630, 0.4722, 0.4633



1.5739, 0.4611, 0.4721

Inverse Universe

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



60.4573, 0.3013, 0.3150



85.4553, 0.2987, 0.3117



59.0690, 0.3042, 0.3104



12.5151, 0.2982, 0.3111



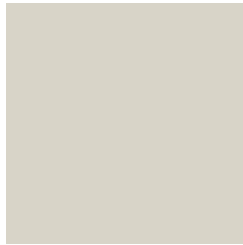
4.6840, 0.1585, 0.0904



0.4160, 0.1679, 0.1243

Previews

White Background



This preview shows how the Yxy color 65.8560, 0.3241, 0.3426 looks on a white background.

Color Contrast Check

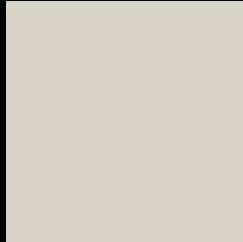
Large Text (above 18pt) WCAG AA × Fail

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 65.8560, 0.3241, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

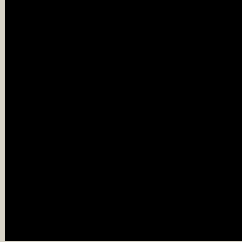
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

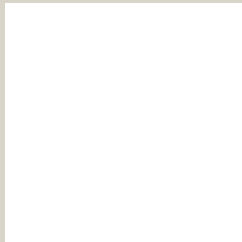
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8560, 0.3241, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 65.8560, 0.3241, 0.3426.

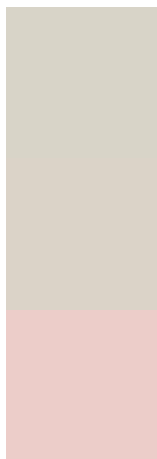


This preview shows how white text looks on a background with the Yxy color 65.8560, 0.3241, 0.3426.

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

65.8560, 0.3241, 0.3426

Protanopia

65.8187, 0.3264, 0.3414

Deuteranopia

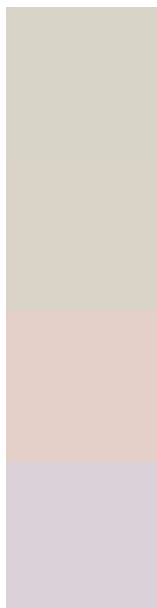
65.7126, 0.3398, 0.3334



Tritanopia

65.7636, 0.3099, 0.3104

Trichromacy



Original Color

65.8560, 0.3241, 0.3426

Protanomaly

65.6641, 0.3257, 0.3414

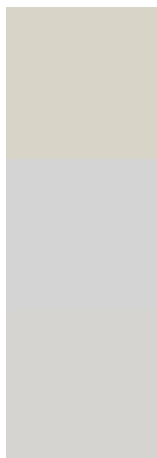
Deuteranomaly

65.9868, 0.3338, 0.3368

Tritanomaly

65.6189, 0.3153, 0.3212

Monochromacy



Original Color

65.8560, 0.3241, 0.3426

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7872, 0.3162, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8560, 0.3241, 0.3426 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, 212, 200)` looks like.

```
.text, #text, p{  
    color:rgb(216, 212, 200)  
}
```

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, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 212, 200) }
```

Border

The CSS property to change the border of an element to Yxy 65.8560, 0.3241, 0.3426 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, 212, 200) }
```

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

```
.border{ border-color:rgb(216, 212, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 212, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(216, 212,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8560, 0.3241, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 212, 200) }
```

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

```
.background{ background-color: rgb(216,  
212, 200) }
```

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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