

Converting Colors

$Yxy(65.9545, 0.3371, 0.3487)$

Have a look what the booklet for
Yxy(65.9545, 0.3371, 0.3487)
contains.

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Color

Yxy(65.9065, 0.3370, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	E1D2C0
RGB	225, 210, 192
RGB Percent	88%, 82%, 75%
CMY	0.1178, 0.1764, 0.2471
CMYK	0.00, 0.07, 0.15, 0.12
HSL	33°, 35%, 82%
HSV	33°, 15%, 88%
XYZ	63.6039, 65.9065, 59.2253
YIQ	212.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

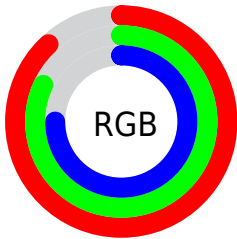
Format	Color
RYP	220, 225, 192
Decimal	14799552
CIELab	84.95, 2.22, 10.79
CIElCh	85, 11.015, 78.396
Yxy	65.9065, 0.3370, 0.3492
Android (android.graphics.Color)	4292989632 (0xFFE1D2C0)
YUV	212.4330, -10.0735, 11.0213
Hunter-Lab	81.1828, -2.2214, 13.5742

Details

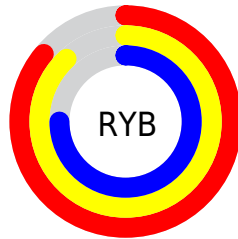
The Yxy color **65.9065, 0.3370, 0.3492** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2331, 0.2898, 0.3079**, and the grayscale version is **66.2012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **34.1871, 0.3429, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **60.1103, 0.3562, 0.3638**, and if you desaturate by 10%, it is **72.1819, 0.3200, 0.3352**.

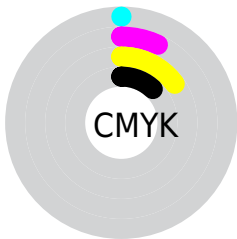
Distribution



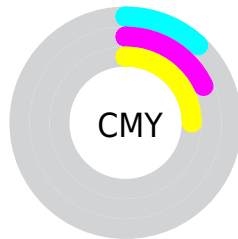
- Red (88%)
- Green (82%)
- Blue (75%)



- Red (86%)
- Yellow (88%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (12%)




- Cyan (12%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9065, 0.3370, 0.3492 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 65.9065, 0.3370, 0.3492 by changing the saturation by 10% instead.


 65.9065, 0.3370,
0.3492

 65.9065, 0.3370,
0.3492


446.0424, 0.3255,
0.3397

 48.1965, 0.3397,
0.3514


 113.3521, 0.3330,
0.3459

 33.9825, 0.3430,
0.3541


143.8565, 0.3314,
0.3446

 22.8802, 0.3473,
0.3576


179.3946, 0.3301,
0.3435

 14.5051, 0.3530,
0.3621

220.3506, 0.3289,
0.3426

 8.4728, 0.3609,
0.3684

267.1090, 0.3279,
0.3417

 4.3989, 0.3725,
0.3775

320.0541, 0.3270,

 1.8991, 0.3914,

0.3410

379.5705, 0.3262,
0.3403

0.3919

0.5479, 0.5120,
0.4880

0.0000, 0.0000,
0.0000

65.9065, 0.3370,
0.3492

65.9065, 0.3370,
0.3492

60.1103, 0.3562,
0.3638

72.1819, 0.3200,
0.3352

54.7718, 0.3776,
0.3785

78.9399, 0.3050,
0.3221

49.8803, 0.4010,
0.3928

85.9040, 0.2943,
0.3143

45.4215, 0.4260,
0.4059

92.0987, 0.2945,
0.3247

■ 41.3799, 0.4516,
0.4164

■ 94.7432, 0.2946,
0.3289

■ 37.7387, 0.4767,
0.4233

■ 34.4795, 0.4998,
0.4253

■ 31.5806, 0.5194,
0.4219

■ 30.1667, 0.5287,
0.4184

Harmonies

Analogous

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



65.9065, 0.3398, 0.3401



65.9065, 0.3370, 0.3492



65.9065, 0.3276, 0.3531

Triad

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



65.9065, 0.3370, 0.3492



65.9065, 0.2908, 0.3291



65.9065, 0.3106, 0.3089

Complementary

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



65.9065, 0.3370, 0.3492



61.2331, 0.2898, 0.3079

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.



65.9065, 0.2976, 0.3058



65.9065, 0.3370, 0.3492



65.9065, 0.2864, 0.3170

Square

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



65.9065, 0.3370, 0.3492



65.9065, 0.3009, 0.3414



65.9065, 0.2889, 0.3086



65.9065, 0.3243, 0.3171

Rectangle

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



65.9065, 0.3370, 0.3492



65.9065, 0.3190, 0.3520



65.9065, 0.2889, 0.3086



65.9065, 0.3060, 0.3072

Sweetspot

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



65.9094, 0.3370, 0.3492



96.4456, 0.3189, 0.3344



58.2169, 0.3278, 0.3118



20.5028, 0.3202, 0.3354



0.0000, 0.0000, 0.0000



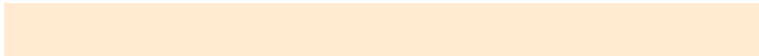
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9094, 0.3370, 0.3492



84.8240, 0.3434, 0.3542



73.4676, 0.3338, 0.3653



14.9362, 0.3278, 0.3418



17.6247, 0.5266, 0.4201



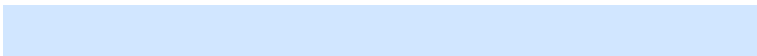
1.3999, 0.5056, 0.4368

Inverse Universe

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



61.2331, 0.2898, 0.3079



77.3318, 0.2841, 0.3025



54.4729, 0.2899, 0.2901



14.2616, 0.2981, 0.3158



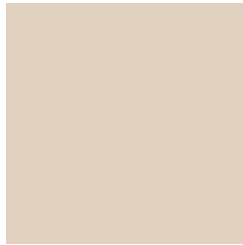
8.8349, 0.1731, 0.1432



0.7895, 0.1813, 0.1727

Previews

White Background



This preview shows how the Yxy color 65.9065, 0.3370, 0.3492 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 65.9065, 0.3370, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

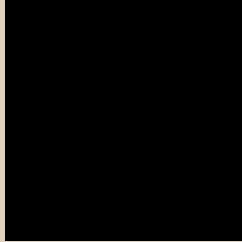
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

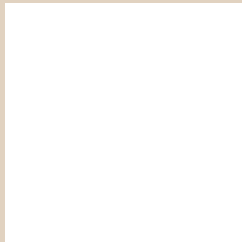
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9065, 0.3370, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 65.9065, 0.3370, 0.3492.

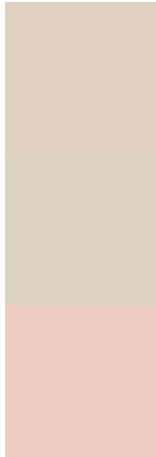


This preview shows how white text looks on a background with the Yxy color 65.9065, 0.3370, 0.3492.

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

65.9065, 0.3370, 0.3492

Protanopia

65.8109, 0.3330, 0.3493

Deuteranopia

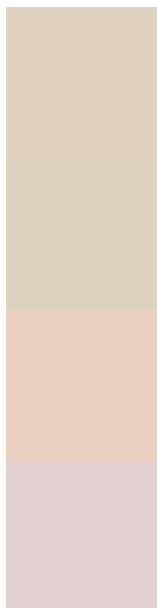
66.0382, 0.3490, 0.3420



Tritanopia

66.0746, 0.3188, 0.3118

Trichromacy



Original Color

65.9065, 0.3370, 0.3492

Protanomaly

65.9684, 0.3338, 0.3493

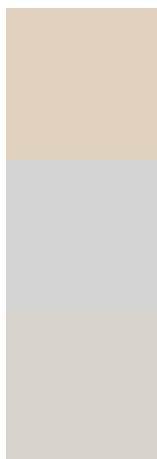
Deuteranomaly

66.1381, 0.3447, 0.3444

Tritanomaly

65.8228, 0.3259, 0.3247

Monochromacy



Original Color

65.9065, 0.3370, 0.3492

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7480, 0.3214, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9065, 0.3370, 0.3492 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(225, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(225, 210, 192)  
}
```

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(225, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 210, 192) }
```

Border

The CSS property to change the border of an element to Yxy 65.9065, 0.3370, 0.3492 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(225, 210, 192) }
```

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

```
.border{ border-color:rgb(225, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(225, 210,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9065, 0.3370, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 210, 192) }
```

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

```
.background{ background-color: rgb(225,  
210, 192) }
```

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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