

Converting Colors

Yxy(66.2356, 0.3385, 0.3490)

Have a look what the booklet for
Yxy(66.2356, 0.3385, 0.3490)
contains.

Yxy(66.2299, 0.3386, 0.3491)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.2299, 0.3386, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	E3D2C0
RGB	227, 210, 192
RGB Percent	89%, 82%, 75%
CMY	0.1098, 0.1764, 0.2472
CMYK	0.00, 0.07, 0.15, 0.11
HSL	31°, 38%, 82%
HSV	31°, 15%, 89%
XYZ	64.2379, 66.2299, 59.2483
YIQ	213.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

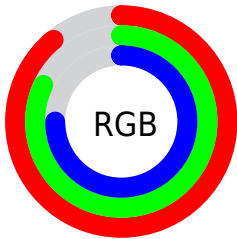
Format	Color
R _Y B	225, 227, 192
Decimal	14930624
CIE Lab	85.11, 2.95, 11.05
CIE LCh	85, 11.441, 75.040
Yxy	66.2299, 0.3386, 0.3491
Android (android.graphics.Color)	4293120704 (0xFFE3D2C0)
YUV	213.0310, -10.3683, 12.2508
Hunter-Lab	81.3818, -1.5209, 13.8023

Details

The Yxy color **66.2299, 0.3386, 0.3491** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3340, 0.2885, 0.3080**, and the grayscale version is **66.6249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **34.2989, 0.3440, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **60.0502, 0.3583, 0.3629**, and if you desaturate by 10%, it is **72.9450, 0.3212, 0.3359**.

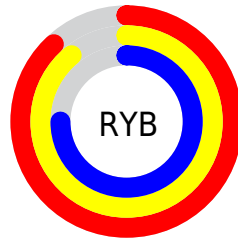
Distribution



Red (89%)

Green (82%)

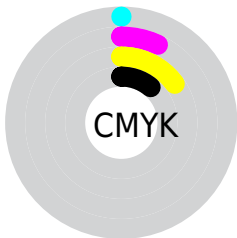
Blue (75%)



Red (88%)

Yellow (89%)

Blue (75%)

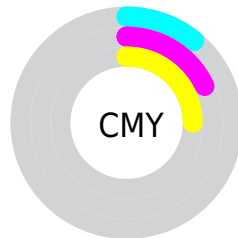


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (11%)



Cyan (11%)


Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2299, 0.3386, 0.3491 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 66.2299, 0.3386, 0.3491 by changing the saturation by 10% instead.


 66.2299, 0.3386,
0.3491

 66.2299, 0.3386,
0.3491


447.1986, 0.3264,
0.3397

 48.4591, 0.3415,
0.3513


 113.8162, 0.3343,
0.3458

 34.1906, 0.3450,
0.3539


144.4005, 0.3327,
0.3446

 23.0400, 0.3496,
0.3574

180.0247, 0.3312,
0.3435

 14.6231, 0.3556,
0.3618

221.0733, 0.3300,
0.3425

 8.5553, 0.3640,
0.3680

267.9305, 0.3289,
0.3417

 4.4523, 0.3764,
0.3768

320.9809, 0.3280,

 1.9296, 0.3964,

0.3410

380.6088, 0.3271,
0.3403

0.3907

0.5661, 0.5187,
0.4813

0.0000, 0.0000,
0.0000

66.2299, 0.3386,
0.3491

66.2299, 0.3386,
0.3491

60.0502, 0.3583,
0.3629

72.9450, 0.3212,
0.3359

54.3826, 0.3804,
0.3769

80.2005, 0.3060,
0.3234

49.2145, 0.4047,
0.3904

87.6818, 0.2956,
0.3169

44.5297, 0.4308,
0.4025

94.4747, 0.2958,
0.3280

■ 40.3108, 0.4579,
0.4121

■ 95.0718, 0.2958,
0.3290

■ 36.5388, 0.4844,
0.4180

■ 33.1927, 0.5089,
0.4188

■ 30.2484, 0.5297,
0.4142

■ 29.0238, 0.5383,
0.4108

Harmonies

Analogous

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



66.2299, 0.3406, 0.3392



66.2299, 0.3386, 0.3491



66.2299, 0.3295, 0.3539

Triad

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



66.2299, 0.3386, 0.3491



66.2299, 0.2909, 0.3305



66.2299, 0.3089, 0.3075

Complementary

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



66.2299, 0.3386, 0.3491



62.3340, 0.2885, 0.3080

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.



66.2299, 0.2958, 0.3049



66.2299, 0.3386, 0.3491



66.2299, 0.2856, 0.3178

Square

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



66.2299, 0.3386, 0.3491



66.2299, 0.3019, 0.3431



66.2299, 0.2874, 0.3086



66.2299, 0.3233, 0.3155

Rectangle

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



66.2299, 0.3386, 0.3491



66.2299, 0.3208, 0.3533



66.2299, 0.2874, 0.3086



66.2299, 0.3042, 0.3060

Sweetspot

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



66.2328, 0.3386, 0.3491



95.3223, 0.3206, 0.3354



58.6452, 0.3278, 0.3096



20.2653, 0.3217, 0.3363



0.0000, 0.0000, 0.0000



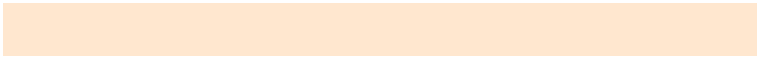
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2328, 0.3386, 0.3491



83.1714, 0.3456, 0.3541



75.0775, 0.3358, 0.3672



15.5890, 0.3280, 0.3411



17.1606, 0.5360, 0.4126



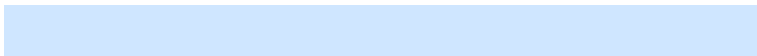
1.4540, 0.5144, 0.4298

Inverse Universe

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



62.3340, 0.2885, 0.3080



77.0458, 0.2826, 0.3025



54.4346, 0.2878, 0.2877



15.0356, 0.2981, 0.3166



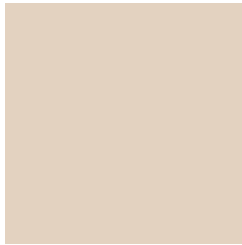
9.9868, 0.1759, 0.1533



0.9234, 0.1834, 0.1802

Previews

White Background



This preview shows how the Yxy color 66.2299, 0.3386, 0.3491 looks on a white background.

Color Contrast Check

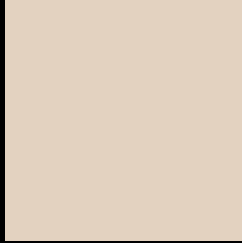
Large Text (above 18pt) WCAG AA × Fail

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 66.2299, 0.3386, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

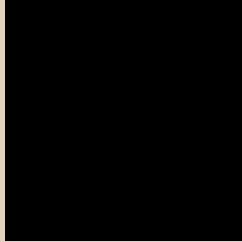
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

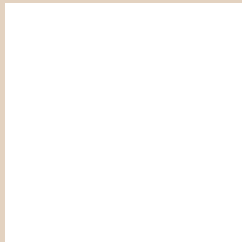
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2299, 0.3386, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 66.2299, 0.3386, 0.3491.



This preview shows how white text looks on a background with the Yxy color 66.2299, 0.3386, 0.3491.

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

66.2299, 0.3386, 0.3491

Protanopia

66.3094, 0.3329, 0.3504

Deuteranopia

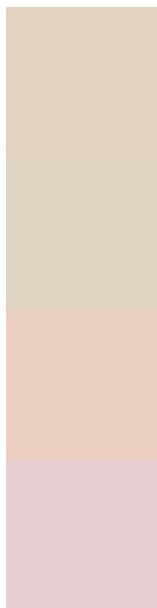
66.0382, 0.3490, 0.3420



Tritanopia

66.4055, 0.3203, 0.3118

Trichromacy



Original Color

66.2299, 0.3386, 0.3491

Protanomaly

66.1268, 0.3346, 0.3492

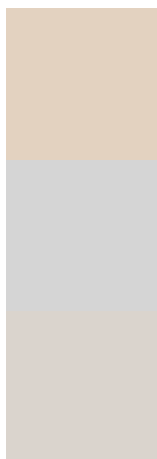
Deuteranomaly

66.1381, 0.3447, 0.3444

Tritanomaly

66.1518, 0.3274, 0.3247

Monochromacy



Original Color

66.2299, 0.3386, 0.3491

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4002, 0.3220, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2299, 0.3386, 0.3491 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(227, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 210, 192) }
```

Border

The CSS property to change the border of an element to Yxy 66.2299, 0.3386, 0.3491 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(227, 210, 192) }
```

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

```
.border{ border-color:rgb(227, 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(227, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 210, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 210, 192); box-shadow:4px 4px 4px 4px rgb(227, 210, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2299, 0.3386, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 210, 192) }
```

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

```
.background{ background-color: rgb(227,  
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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