

Converting Colors

Yxy(65.1091, 0.3525, 0.3636)

Have a look what the booklet for
Yxy(65.1091, 0.3525, 0.3636)
contains.

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Color

Yxy(65.1091, 0.3525, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	E6D0B1
RGB	230, 208, 177
RGB Percent	90%, 82%, 69%
CMY	0.0981, 0.1843, 0.3059
CMYK	0.00, 0.10, 0.23, 0.10
HSL	35°, 51%, 80%
HSV	35°, 23%, 90%
XYZ	63.1214, 65.1091, 50.8374
YIQ	211.0440, 23.0630, -4.9770

Conversions

Conversions Part 2

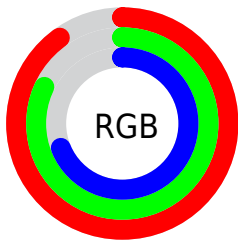
Format	Color
R_{YB}	215, 230, 177
Decimal	15126705
CIE Lab	84.54, 2.87, 18.19
CIE LCh	85, 18.413, 81.036
Yxy	65.1091, 0.3525, 0.3636
Android (android.graphics.Color)	4293316785 (0xFFE6D0B1)
YUV	211.0440, -16.7837, 16.6244
Hunter-Lab	80.6902, -1.5729, 19.1286

Details

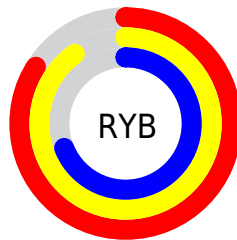
The Yxy color **65.1091, 0.3525, 0.3636** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.8976, 0.2758, 0.2918**, and the grayscale version is **65.2743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **33.5651, 0.3626, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **59.7580, 0.3730, 0.3793**, and if you desaturate by 10%, it is **70.9005, 0.3339, 0.3481**.

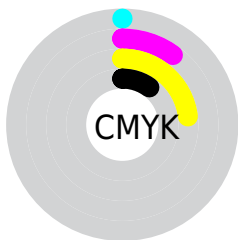
Distribution



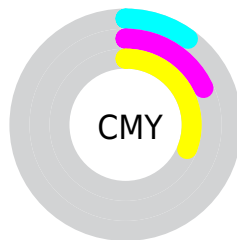
- Red (90%)
- Green (82%)
- Blue (69%)



- Red (84%)
- Yellow (90%)
- Blue (69%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (10%)





- Cyan (10%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1091, 0.3525, 0.3636 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 65.1091, 0.3525, 0.3636 by changing the saturation by 10% instead.


 65.1091, 0.3525,
0.3636

 65.1091, 0.3525,
0.3636

443.1839, 0.3337,
0.3474

 47.5496, 0.3569,
0.3673


 112.2067, 0.3459,
0.3580

 33.4703, 0.3623,
0.3719


142.5135, 0.3434,
0.3558

 22.4870, 0.3693,
0.3777


177.8383, 0.3412,
0.3539

 14.2152, 0.3784,
0.3853

218.5652, 0.3393,
0.3523

 8.2705, 0.3910,
0.3956

265.0789, 0.3376,
0.3508

 4.2685, 0.4092,
0.4100

317.7637, 0.3362,

 1.8249, 0.4452,

0.3496

0.4391

377.0039, 0.3349,
0.3484

0.5026, 0.5215,
0.4785

0.0000, 0.0000,
0.0000

65.1091, 0.3525,
0.3636

65.1091, 0.3525,
0.3636

59.7580, 0.3730,
0.3793

70.9005, 0.3339,
0.3481

54.8256, 0.3953,
0.3947

77.1352, 0.3174,
0.3333

50.3016, 0.4189,
0.4089

83.8275, 0.3027,
0.3194

46.1715, 0.4430,
0.4208

90.0537, 0.2975,
0.3201

■ 42.4196, 0.4666,
0.4291

■ 95.5605, 0.2976,
0.3290

■ 39.0284, 0.4882,
0.4327

■ 35.9778, 0.5066,
0.4310

■ 34.0355, 0.5176,
0.4272

Harmonies

Analogous

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



65.1091, 0.3585, 0.3485



65.1091, 0.3525, 0.3636



65.1091, 0.3357, 0.3699

Triad

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



65.1091, 0.3525, 0.3636



65.1091, 0.2751, 0.3268



65.1091, 0.3109, 0.2968

Complementary

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



65.1091, 0.3525, 0.3636



55.8976, 0.2758, 0.2918

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.



65.1091, 0.2891, 0.2907



65.1091, 0.3525, 0.3636



65.1091, 0.2690, 0.3070

Square

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



65.1091, 0.3525, 0.3636



65.1091, 0.2911, 0.3483



65.1091, 0.2740, 0.2941



65.1091, 0.3340, 0.3107

Rectangle

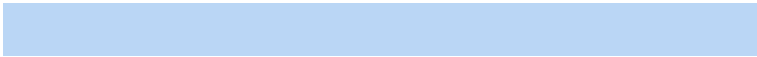
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.1091, 0.3525, 0.3636



65.1091, 0.3209, 0.3676



65.1091, 0.2740, 0.2941



65.1091, 0.3032, 0.2937

Sweetspot

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



65.1120, 0.3525, 0.3636



94.2701, 0.3238, 0.3392



52.3942, 0.3408, 0.3043



20.0748, 0.3248, 0.3401



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.



65.1120, 0.3525, 0.3636



78.7630, 0.3628, 0.3717



75.8592, 0.3442, 0.3870



15.7625, 0.3278, 0.3427



19.5185, 0.5156, 0.4288



1.6246, 0.4978, 0.4430

Inverse Universe

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



55.8976, 0.2758, 0.2918



65.0575, 0.2671, 0.2822



47.0334, 0.2769, 0.2649



14.8643, 0.2981, 0.3149



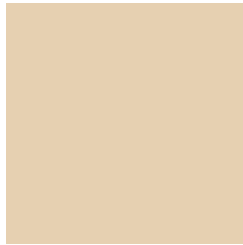
8.1369, 0.1698, 0.1311



0.7810, 0.1777, 0.1598

Previews

White Background



This preview shows how the Yxy color 65.1091, 0.3525, 0.3636 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 65.1091, 0.3525, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

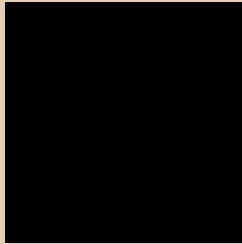
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1091, 0.3525, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 65.1091, 0.3525, 0.3636.



This preview shows how white text looks on a background with the Yxy color 65.1091, 0.3525, 0.3636.

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

65.1091, 0.3525, 0.3636

Protanopia

65.3325, 0.3447, 0.3665

Deuteranopia

64.9809, 0.3636, 0.3561



Tritanopia

64.9652, 0.3267, 0.3119

Trichromacy



Original Color

65.1091, 0.3525, 0.3636

Protanomaly

65.3151, 0.3473, 0.3651

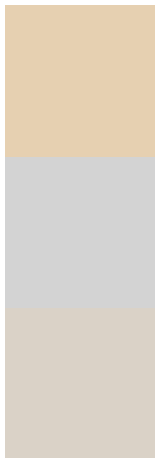
Deuteranomaly

65.0541, 0.3590, 0.3586

Tritanomaly

64.8212, 0.3360, 0.3302

Monochromacy



Original Color

65.1091, 0.3525, 0.3636

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.1221, 0.3265, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1091, 0.3525, 0.3636 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(230, 208, 177)` looks like.

```
.text, #text, p{  
    color:rgb(230, 208, 177)  
}
```

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(230, 208, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 208, 177) }
```

Border

The CSS property to change the border of an element to Yxy 65.1091, 0.3525, 0.3636 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(230, 208, 177) }
```

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

```
.border{ border-color:rgb(230, 208, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 208, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 208, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 208, 177);  
box-shadow:4px 4px 4px 4px rgb(230, 208,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1091, 0.3525, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 208, 177) }
```

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

```
.background{ background-color: rgb(230,  
208, 177) }
```

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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