

Converting Colors

$Yxy(66.9978, 0.3462, 0.3523)$

Have a look what the booklet for
Yxy(66.9978, 0.3462, 0.3523)
contains.

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Color

Yxy(67.0909, 0.3455, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	E9D2BD
RGB	233, 210, 189
RGB Percent	91%, 82%, 74%
CMY	0.0863, 0.1764, 0.2588
CMYK	0.00, 0.10, 0.19, 0.09
HSL	29°, 50%, 83%
HSV	29°, 19%, 91%
XYZ	65.8333, 67.0909, 57.6208
YIQ	214.4830, 20.4490, -1.6550

Conversions

Conversions Part 2

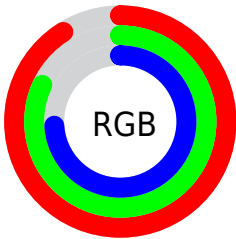
Format	Color
R _Y B	233, 229, 189
Decimal	15323837
CIE Lab	85.55, 4.68, 13.31
CIE LCh	86, 14.111, 70.650
Yxy	67.0909, 0.3455, 0.3521
Android (android.graphics.Color)	4293513917 (0xFFE9D2BD)
YUV	214.4830, -12.5631, 16.2394
Hunter-Lab	81.9090, 0.1262, 15.6274

Details

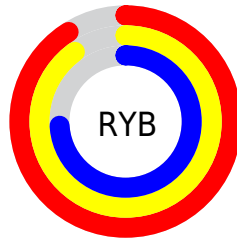
The Yxy color **67.0909, 0.3455, 0.3521** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7766, 0.2830, 0.3047**, and the grayscale version is **67.6644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **34.9016, 0.3532, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **60.3787, 0.3665, 0.3651**, and if you desaturate by 10%, it is **74.4287, 0.3271, 0.3396**.

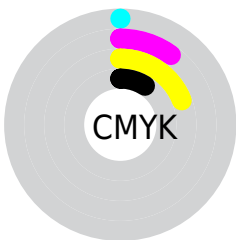
Distribution



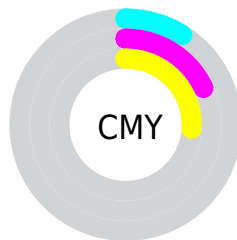
- Red (91%)
- Green (82%)
- Blue (74%)



- Red (91%)
- Yellow (90%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (19%)
- Black (9%)




- Cyan (9%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0909, 0.3455, 0.3521 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 67.0909, 0.3455, 0.3521 by changing the saturation by 10% instead.

 67.0909, 0.3455,
0.3521

 67.0909, 0.3455,
0.3521


450.2683, 0.3300,
0.3414

 49.1585, 0.3491,
0.3545


 115.0507, 0.3401,
0.3484

 34.7452, 0.3536,
0.3576

145.8468, 0.3380,
0.3469

 23.4667, 0.3593,
0.3614


181.6996, 0.3362,
0.3457

 14.9385, 0.3669,
0.3663

222.9936, 0.3346,
0.3446

 8.7762, 0.3774,
0.3730

270.1130, 0.3333,
0.3437

 4.5955, 0.3928,
0.3825

323.4424, 0.3321,

 2.0119, 0.4173,

0.3428

0.3967

383.3660, 0.3310,
0.3421

0.6144, 0.5319,
0.4681

0.0000, 0.0000,
0.0000

67.0909, 0.3455,
0.3521

67.0909, 0.3455,
0.3521

60.3787, 0.3665,
0.3651

74.4287, 0.3271,
0.3396

54.2652, 0.3902,
0.3781

82.4002, 0.3110,
0.3277

48.7347, 0.4163,
0.3903

90.7712, 0.2993,
0.3205

43.7671, 0.4443,
0.4009

96.0621, 0.2993,
0.3290

■ 39.3410, 0.4731,
0.4085

■ 35.4328, 0.5010,
0.4119

■ 32.0167, 0.5262,
0.4100

■ 29.0589, 0.5473,
0.4028

■ 28.7533, 0.5495,
0.4019

Harmonies

Analogous

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



67.0909, 0.3466, 0.3392



67.0909, 0.3455, 0.3521



67.0909, 0.3354, 0.3592

Triad

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



67.0909, 0.3455, 0.3521



67.0909, 0.2875, 0.3332



67.0909, 0.3054, 0.3019

Complementary

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



67.0909, 0.3455, 0.3521



63.7766, 0.2830, 0.3047

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.



67.0909, 0.2900, 0.2997



67.0909, 0.3455, 0.3521



67.0909, 0.2800, 0.3173

Square

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



67.0909, 0.3455, 0.3521



67.0909, 0.3018, 0.3484



67.0909, 0.2809, 0.3052



67.0909, 0.3231, 0.3107

Rectangle

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



67.0909, 0.3455, 0.3521



67.0909, 0.3251, 0.3594



67.0909, 0.2809, 0.3052



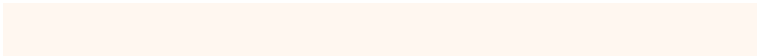
67.0909, 0.2998, 0.3003

Sweetspot

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



67.0939, 0.3455, 0.3521



94.0598, 0.3223, 0.3361



58.4922, 0.3307, 0.3035



19.9980, 0.3234, 0.3369



0.0000, 0.0000, 0.0000



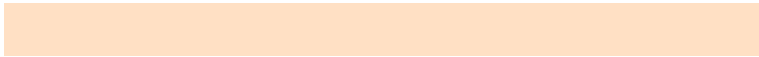
21.4041, 0.3127, 0.3290

Same Dimension

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



67.0939, 0.3455, 0.3521



78.7683, 0.3541, 0.3576



78.4419, 0.3414, 0.3745



16.2410, 0.3281, 0.3403



16.5616, 0.5470, 0.4038



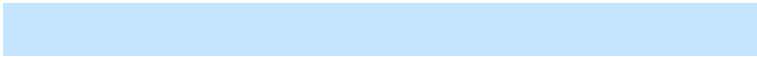
1.4921, 0.5247, 0.4215

Inverse Universe

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



63.7766, 0.2830, 0.3047



73.9336, 0.2762, 0.2986



53.7284, 0.2815, 0.2791



15.8510, 0.2981, 0.3175



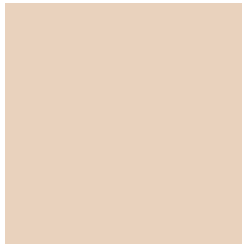
11.4461, 0.1793, 0.1655



1.0913, 0.1861, 0.1898

Previews

White Background



This preview shows how the Yxy color 67.0909, 0.3455, 0.3521 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 67.0909, 0.3455, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

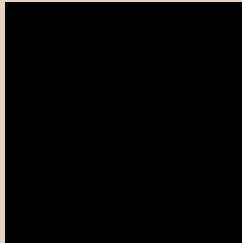
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0909, 0.3455, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 67.0909, 0.3455, 0.3521.



This preview shows how white text looks on a background with the Yxy color 67.0909, 0.3455, 0.3521.

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

67.0909, 0.3455, 0.3521

Protanopia

67.0381, 0.3357, 0.3537

Deuteranopia

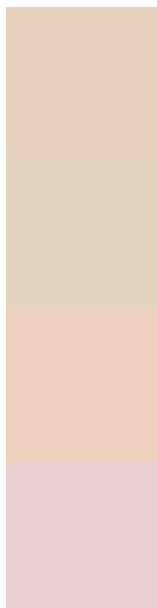
66.9150, 0.3535, 0.3462



Tritanopia

66.8876, 0.3257, 0.3121

Trichromacy



Original Color

67.0909, 0.3455, 0.3521

Protanomaly

67.1356, 0.3397, 0.3535

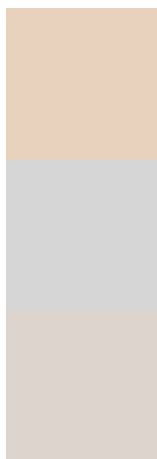
Deuteranomaly

66.6941, 0.3501, 0.3475

Tritanomaly

67.0620, 0.3335, 0.3269

Monochromacy



Original Color

67.0909, 0.3455, 0.3521

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3684, 0.3242, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0909, 0.3455, 0.3521 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(233, 210, 189)` looks like.

```
.text, #text, p{  
    color:rgb(233, 210, 189)  
}
```

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(233, 210, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 210, 189) }
```

Border

The CSS property to change the border of an element to Yxy 67.0909, 0.3455, 0.3521 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(233, 210, 189) }
```

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

```
.border{ border-color:rgb(233, 210, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 210, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 210, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 210, 189);  
box-shadow:4px 4px 4px 4px rgb(233, 210,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0909, 0.3455, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 210, 189) }
```

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

```
.background{ background-color: rgb(233,  
210, 189) }
```

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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