

Converting Colors

$Yxy(69.6908, 0.3551, 0.3531)$

Have a look what the booklet for
Yxy(69.6908, 0.3551, 0.3531)
contains.

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Color

Yxy(69.6318, 0.3555, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	F5D3BC
RGB	245, 211, 188
RGB Percent	96%, 83%, 74%
CMY	0.0392, 0.1725, 0.2628
CMYK	0.00, 0.14, 0.23, 0.04
HSL	24°, 74%, 85%
HSV	24°, 23%, 96%
XYZ	70.0258, 69.6318, 57.3207
YIQ	218.5440, 27.6470, 0.0550

Conversions

Conversions Part 2

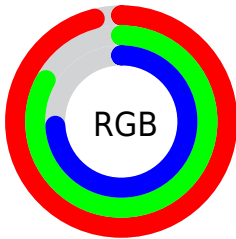
Format	Color
R _Y B	245, 227, 188
Decimal	16110524
CIE _{Lab}	86.82, 8.42, 15.78
CIE _{LCh}	87, 17.883, 61.924
Y _{xy}	69.6318, 0.3555, 0.3535
Android (android.graphics.Color)	4294300604 (0xFFFF5D3BC)
YUV	218.5440, -15.0582, 23.2019
Hunter-Lab	83.4457, 3.7633, 17.6844

Details

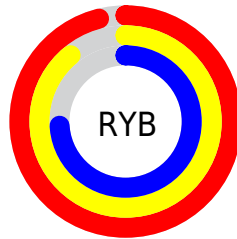
The Yxy color **69.6318, 0.3555, 0.3535** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5148, 0.2762, 0.3031**, and the grayscale version is **70.5992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **36.2176, 0.3657, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **61.7347, 0.3789, 0.3647**, and if you desaturate by 10%, it is **78.3742, 0.3352, 0.3426**.

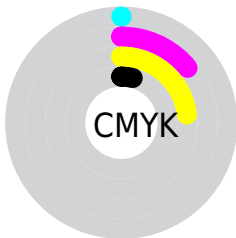
Distribution



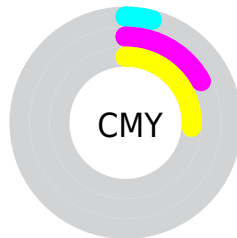
- Red (96%)
- Green (83%)
- Blue (74%)



- Red (96%)
- Yellow (89%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6318, 0.3555, 0.3535 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 69.6318, 0.3555, 0.3535 by changing the saturation by 10% instead.

 69.6318, 0.3555,
0.3535

 69.6318, 0.3555,
0.3535

459.2561, 0.3354,
0.3424

 51.2264, 0.3601,
0.3560


 118.6835, 0.3485,
0.3497

 36.3888, 0.3659,
0.3590


150.0987, 0.3458,
0.3482

 24.7346, 0.3733,
0.3627


186.6192, 0.3434,
0.3469

 15.8795, 0.3829,
0.3675

228.6294, 0.3414,
0.3458

 9.4389, 0.3962,
0.3738

276.5139, 0.3396,
0.3448

 5.0286, 0.4154,
0.3823

330.6569, 0.3381,

 2.2640, 0.4453,

0.3439

0.3939

391.4428, 0.3367,
0.3431

0.7546, 0.5508,
0.4492

0.0000, 0.0000,
0.0000

69.6318, 0.3555,
0.3535

69.6318, 0.3555,
0.3535

61.7347, 0.3789,
0.3647

78.3742, 0.3352,
0.3426

54.6469, 0.4055,
0.3756

87.9776, 0.3178,
0.3322

48.3434, 0.4351,
0.3854

98.0442, 0.3066,
0.3288

42.7944, 0.4668,
0.3931

98.1519, 0.3066,
0.3290

■ 37.9676, 0.4992,
0.3973

■ 33.8279, 0.5300,
0.3968

■ 30.3358, 0.5565,
0.3908

■ 28.3206, 0.5715,
0.3844

Harmonies

Analogous

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



69.6318, 0.3534, 0.3361



69.6318, 0.3555, 0.3535



69.6318, 0.3457, 0.3652

Triad

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



69.6318, 0.3555, 0.3535



69.6318, 0.2857, 0.3401



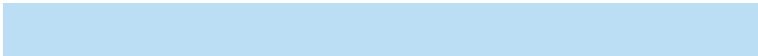
69.6318, 0.2973, 0.2936

Complementary

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



69.6318, 0.3555, 0.3535



69.5148, 0.2762, 0.3031

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.



69.6318, 0.2801, 0.2935



69.6318, 0.3555, 0.3535



69.6318, 0.2736, 0.3196

Square

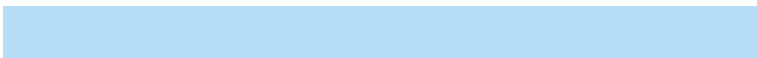
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6318, 0.3555, 0.3535



69.6318, 0.3052, 0.3580



69.6318, 0.2716, 0.3027



69.6318, 0.3192, 0.3024

Rectangle

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



69.6318, 0.3555, 0.3535



69.6318, 0.3340, 0.3678



69.6318, 0.2716, 0.3027



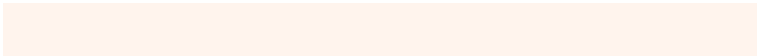
69.6318, 0.2908, 0.2926

Sweetspot

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



69.6350, 0.3555, 0.3535



92.2997, 0.3241, 0.3360



60.6591, 0.3329, 0.2933



19.6186, 0.3251, 0.3367



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.



69.6350, 0.3555, 0.3535



72.0055, 0.3663, 0.3588



84.9492, 0.3491, 0.3818



17.5809, 0.3283, 0.3386



15.5118, 0.5687, 0.3867



1.5593, 0.5459, 0.4048

Inverse Universe

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



69.5148, 0.2762, 0.3031



71.8470, 0.2686, 0.2971



55.7292, 0.2735, 0.2701



17.5699, 0.2980, 0.3192



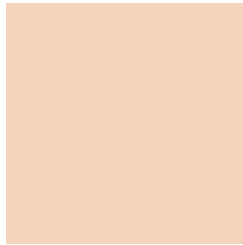
14.9182, 0.1864, 0.1909



1.5124, 0.1917, 0.2100

Previews

White Background



This preview shows how the Yxy color 69.6318, 0.3555, 0.3535 looks on a white background.

Color Contrast Check

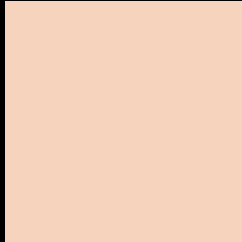
Large Text (above 18pt) WCAG AA × Fail

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 69.6318, 0.3555, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

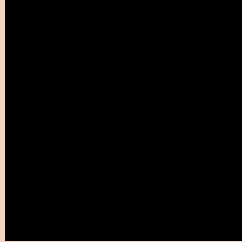
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6318, 0.3555, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 69.6318, 0.3555, 0.3535.



This preview shows how white text looks on a background with the Yxy color 69.6318, 0.3555, 0.3535.

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

69.6318, 0.3555, 0.3535

Protanopia

69.8813, 0.3389, 0.3577

Deuteranopia

69.3715, 0.3591, 0.3512



Tritanopia

69.5563, 0.3340, 0.3126

Trichromacy



Original Color

69.6318, 0.3555, 0.3535

Protanomaly

69.8110, 0.3446, 0.3562

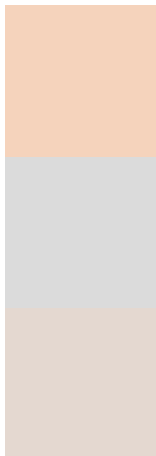
Deuteranomaly

69.6805, 0.3581, 0.3523

Tritanomaly

69.7214, 0.3419, 0.3270

Monochromacy



Original Color

69.6318, 0.3555, 0.3535

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.1598, 0.3270, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6318, 0.3555, 0.3535 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(245, 211, 188)` looks like.

```
.text, #text, p{  
    color:rgb(245, 211, 188)  
}
```

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(245, 211, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 211, 188) }
```

Border

The CSS property to change the border of an element to Yxy 69.6318, 0.3555, 0.3535 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(245, 211, 188) }
```

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

```
.border{ border-color:rgb(245, 211, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 211, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 211, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 211, 188);  
box-shadow:4px 4px 4px 4px rgb(245, 211,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6318, 0.3555, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 211, 188) }
```

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

```
.background{ background-color: rgb(245,  
211, 188) }
```

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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