

Converting Colors

$Yxy(66.8371, 0.3666, 0.3704)$

Have a look what the booklet for
Yxy(66.8371, 0.3666, 0.3704)
contains.

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Color

Yxy(66.7148, 0.3667, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	F1D0AA
RGB	241, 208, 170
RGB Percent	95%, 82%, 67%
CMY	0.0549, 0.1843, 0.3334
CMYK	0.00, 0.14, 0.29, 0.05
HSL	32°, 72%, 81%
HSV	32°, 29%, 95%
XYZ	66.0841, 66.7148, 47.4140
YIQ	213.5350, 31.8660, -4.8220

Conversions

Conversions Part 2

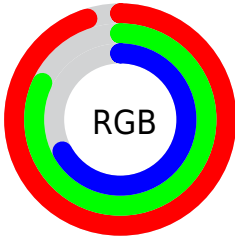
Format	Color
R _Y B	232, 241, 170
Decimal	15847594
CIE Lab	85.36, 6.06, 23.17
CIE LCh	85, 23.944, 75.349
Yxy	66.7148, 0.3667, 0.3702
Android (android.graphics.Color)	4294037674 (0xFFFF1D0AA)
YUV	213.5350, -21.4628, 24.0868
Hunter-Lab	81.6791, 1.4804, 22.7581

Details

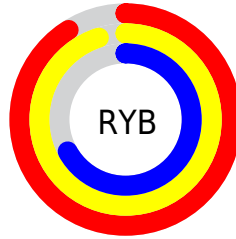
The Yxy color $66.7148, 0.3667, 0.3702$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $57.5897, 0.2652, 0.2839$, and the grayscale version is $67.0477, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.2162, 0.3304, 0.3582$, and $34.6096, 0.3793, 0.3795$ is the 20% darker color. If you saturate the color by 10%, you get $60.6205, 0.3894, 0.3846$, and if you desaturate by 10%, it is $73.3677, 0.3462, 0.3557$.

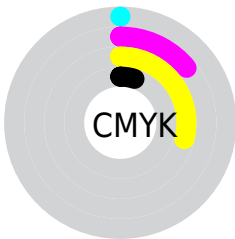
Distribution



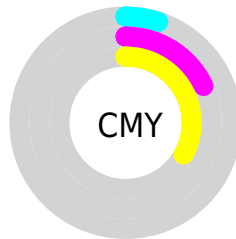
- Red (95%)
- Green (82%)
- Blue (67%)



- Red (91%)
- Yellow (95%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7148, 0.3667, 0.3702 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 66.7148, 0.3667, 0.3702 by changing the saturation by 10% instead.

 66.7148, 0.3667,
0.3702

 66.7148, 0.3667,
0.3702


448.9289, 0.3413,
0.3513

 48.8529, 0.3726,
0.3744


 114.5117, 0.3578,
0.3637

 34.5028, 0.3798,
0.3796


145.2154, 0.3544,
0.3611

 23.2801, 0.3891,
0.3861


180.9685, 0.3514,
0.3589

 14.8005, 0.4011,
0.3943

222.1554, 0.3489,
0.3570

 8.6795, 0.4174,
0.4050

269.1605, 0.3466,
0.3553

 4.5327, 0.4404,
0.4192

322.3682, 0.3446,

 1.9758, 0.4924,

0.3538

0.4543

382.1629, 0.3429,
0.3525

0.5934, 0.5454,
0.4546

0.0000, 0.0000,
0.0000

66.7148, 0.3667,
0.3702

66.7148, 0.3667,
0.3702

60.6205, 0.3894,
0.3846

73.3677, 0.3462,
0.3557

55.0585, 0.4141,
0.3982

80.5861, 0.3280,
0.3416

50.0137, 0.4400,
0.4100

88.3883, 0.3119,
0.3283

45.4665, 0.4662,
0.4186

96.0343, 0.3042,
0.3268

■ 41.3956, 0.4911,
0.4229

■ 97.4397, 0.3041,
0.3290

■ 37.7765, 0.5132,
0.4219

■ 34.5760, 0.5316,
0.4157

■ 34.4154, 0.5326,
0.4153

Harmonies

Analogous

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



66.7148, 0.3716, 0.3490



66.7148, 0.3667, 0.3702



66.7148, 0.3470, 0.3815

Triad

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



66.7148, 0.3667, 0.3702



66.7148, 0.2675, 0.3312



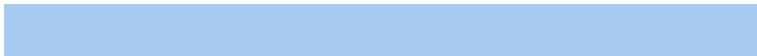
66.7148, 0.3045, 0.2857

Complementary

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



66.7148, 0.3667, 0.3702



57.5897, 0.2652, 0.2839

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.



66.7148, 0.2778, 0.2799



66.7148, 0.3667, 0.3702



66.7148, 0.2572, 0.3045

Square

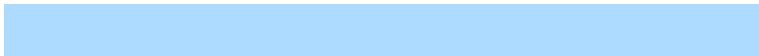
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7148, 0.3667, 0.3702



66.7148, 0.2896, 0.3589



66.7148, 0.2609, 0.2863



66.7148, 0.3347, 0.3016

Rectangle

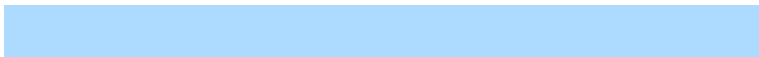
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.7148, 0.3667, 0.3702



66.7148, 0.3286, 0.3808



66.7148, 0.2609, 0.2863



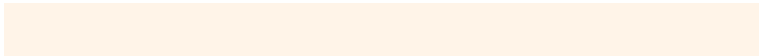
66.7148, 0.2949, 0.2825

Sweetspot

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



66.7179, 0.3667, 0.3702



91.9953, 0.3272, 0.3410



51.7595, 0.3480, 0.2932



19.4248, 0.3297, 0.3431



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.



66.7179, 0.3667, 0.3702



71.8673, 0.3793, 0.3784



84.0945, 0.3556, 0.4031



17.1608, 0.3280, 0.3417



18.9367, 0.5302, 0.4172



1.7743, 0.5117, 0.4319

Inverse Universe

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



57.5897, 0.2652, 0.2839



60.0249, 0.2557, 0.2737



43.9028, 0.2624, 0.2433



16.4389, 0.2980, 0.3160



9.9848, 0.1740, 0.1462



1.0278, 0.1809, 0.1710

Previews

White Background



This preview shows how the Yxy color 66.7148, 0.3667, 0.3702 looks on a white background.

Color Contrast Check

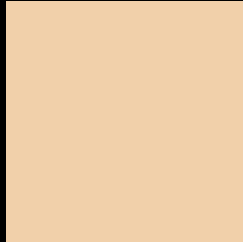
Large Text (above 18pt) WCAG AA × Fail

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 66.7148, 0.3667, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

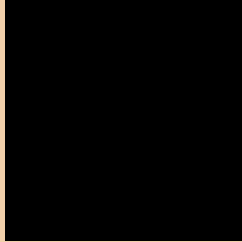
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7148, 0.3667, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 66.7148, 0.3667, 0.3702.



This preview shows how white text looks on a background with the Yxy color 66.7148, 0.3667, 0.3702.

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

66.7148, 0.3667, 0.3702

Protanopia

66.7358, 0.3518, 0.3750

Deuteranopia

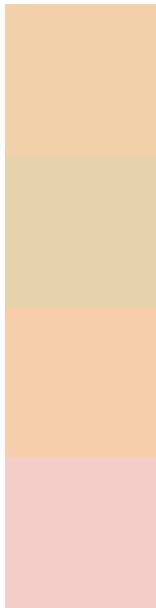
66.7427, 0.3733, 0.3651



Tritanopia

66.3759, 0.3361, 0.3124

Trichromacy



Original Color

66.7148, 0.3667, 0.3702

Protanomaly

66.5177, 0.3570, 0.3734

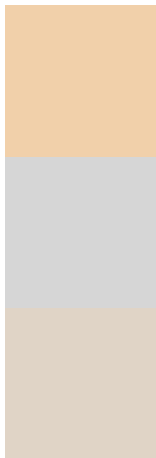
Deuteranomaly

66.6757, 0.3706, 0.3665

Tritanomaly

66.5890, 0.3471, 0.3333

Monochromacy



Original Color

66.7148, 0.3667, 0.3702

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.0115, 0.3316, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7148, 0.3667, 0.3702 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(241, 208, 170)` looks like.

```
.text, #text, p{  
    color:rgb(241, 208, 170)  
}
```

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(241, 208, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 208, 170) }
```

Border

The CSS property to change the border of an element to Yxy 66.7148, 0.3667, 0.3702 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(241, 208, 170) }
```

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

```
.border{ border-color:rgb(241, 208, 170) }
```

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

Here you see how a box with a 4 pixel rgb(241, 208, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 208, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 208, 170);  
box-shadow:4px 4px 4px 4px rgb(241, 208,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7148, 0.3667, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 208, 170) }
```

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

```
.background{ background-color: rgb(241,  
208, 170) }
```

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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