

Converting Colors

$Yxy(66.8972, 0.3738, 0.3760)$

Have a look what the booklet for
Yxy(66.8972, 0.3738, 0.3760)
contains.

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Color

Yxy(67.0252, 0.3737, 0.3762)

Conversions

Conversions Part 1

Format	Color
Hex	F4D0A4
RGB	244, 208, 164
RGB Percent	96%, 82%, 64%
CMY	0.0429, 0.1844, 0.3568
CMYK	0.00, 0.15, 0.33, 0.04
HSL	33°, 79%, 80%
HSV	33°, 33%, 96%
XYZ	66.5798, 67.0252, 44.5588
YIQ	213.7480, 35.5800, -6.0520

Conversions

Conversions Part 2

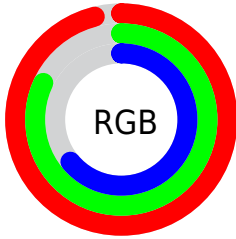
Format	Color
R _Y B	229, 244, 164
Decimal	16044196
CIE Lab	85.52, 6.48, 26.54
CIE LCh	86, 27.323, 76.271
Yxy	67.0252, 0.3737, 0.3762
Android (android.graphics.Color)	4294234276 (0xFFFF4D0A4)
YUV	213.7480, -24.5258, 26.5310
Hunter-Lab	81.8689, 1.8943, 25.0385

Details

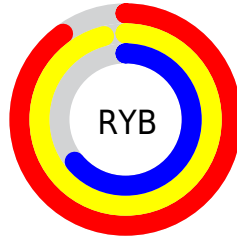
The Yxy color $67.0252, 0.3737, 0.3762$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $55.7785, 0.2594, 0.2765$, and the grayscale version is $67.2227, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.8945, 0.3339, 0.3641$, and $34.8458, 0.3885, 0.3870$ is the 20% darker color. If you saturate the color by 10%, you get $61.0513, 0.3968, 0.3908$, and if you desaturate by 10%, it is $73.5464, 0.3526, 0.3613$.

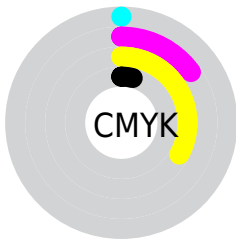
Distribution



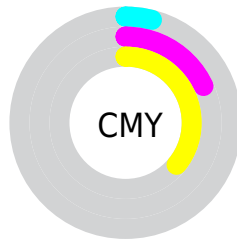
- Red (96%)
- Green (82%)
- Blue (64%)



- Red (90%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0252, 0.3737, 0.3762 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 67.0252, 0.3737, 0.3762 by changing the saturation by 10% instead.


 67.0252, 0.3737,
0.3762


 67.0252, 0.3737,
0.3762

450.0345, 0.3451,
0.3546

 49.1051, 0.3803,
0.3810

 114.9565, 0.3637,
0.3688

 34.7029, 0.3884,
0.3868


 145.7365, 0.3599,
0.3659

 23.4341, 0.3986,
0.3940


181.5720, 0.3565,
0.3634

 14.9144, 0.4119,
0.4031

222.8473, 0.3536,
0.3612

 8.7593, 0.4297,
0.4147

269.9467, 0.3511,
0.3593

 4.5845, 0.4541,
0.4294

323.2548, 0.3489,

 2.0056, 0.5204,

0.3575

0.4761

383.1560, 0.3469,
0.3560

0.6107, 0.5474,
0.4526

0.0000, 0.0000,
0.0000

67.0252, 0.3737,
0.3762

67.0252, 0.3737,
0.3762

61.0513, 0.3968,
0.3908

73.5464, 0.3526,
0.3613

55.5983, 0.4216,
0.4042

80.6218, 0.3337,
0.3467

50.6507, 0.4472,
0.4154

88.2699, 0.3170,
0.3328

46.1887, 0.4725,
0.4230

96.0701, 0.3061,
0.3260

■ 42.1901, 0.4960,
0.4259

■ 97.9825, 0.3060,
0.3290

■ 38.6295, 0.5161,
0.4233

■ 36.3118, 0.5286,
0.4185

Harmonies

Analogous

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



67.0252, 0.3800, 0.3522



67.0252, 0.3737, 0.3762



67.0252, 0.3507, 0.3890

Triad

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



67.0252, 0.3737, 0.3762



67.0252, 0.2608, 0.3303



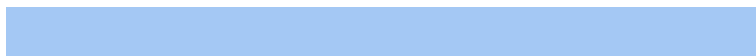
67.0252, 0.3043, 0.2804

Complementary

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



67.0252, 0.3737, 0.3762



55.7785, 0.2594, 0.2765

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.



67.0252, 0.2738, 0.2735



67.0252, 0.3737, 0.3762



67.0252, 0.2498, 0.3000

Square

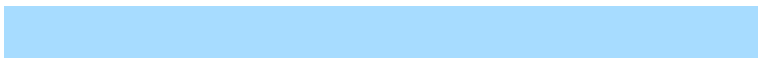
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.0252, 0.3737, 0.3762



67.0252, 0.2854, 0.3623



67.0252, 0.2544, 0.2800



67.0252, 0.3387, 0.2986

Rectangle

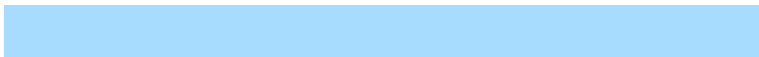
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.0252, 0.3737, 0.3762



67.0252, 0.3295, 0.3882



67.0252, 0.2544, 0.2800



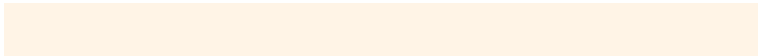
67.0252, 0.2933, 0.2767

Sweetspot

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



67.0283, 0.3737, 0.3762



91.3510, 0.3289, 0.3428



50.0351, 0.3534, 0.2890



19.3038, 0.3313, 0.3448



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.



67.0283, 0.3737, 0.3762



69.8283, 0.3880, 0.3855



86.1826, 0.3604, 0.4115



17.9917, 0.3280, 0.3420



20.0119, 0.5264, 0.4203



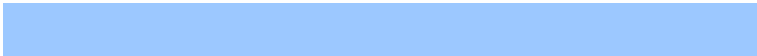
1.9640, 0.5093, 0.4338

Inverse Universe

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



55.7785, 0.2594, 0.2765



55.7222, 0.2487, 0.2644



41.2746, 0.2556, 0.2319



17.1566, 0.2980, 0.3156



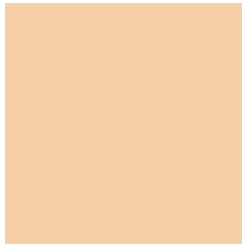
9.8751, 0.1727, 0.1416



1.0702, 0.1793, 0.1655

Previews

White Background



This preview shows how the Yxy color 67.0252, 0.3737, 0.3762 looks on a white background.

Color Contrast Check

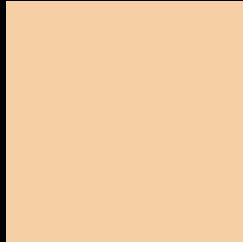
Large Text (above 18pt) WCAG AA × Fail

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 67.0252, 0.3737, 0.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

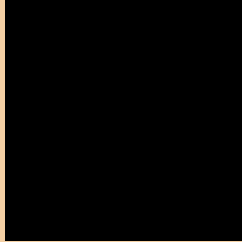
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0252, 0.3737, 0.3762

Background



This preview shows how black text looks on a background with the Yxy color 67.0252, 0.3737, 0.3762.



This preview shows how white text looks on a background with the Yxy color 67.0252, 0.3737, 0.3762.

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

67.0252, 0.3737, 0.3762

Protanopia

67.3771, 0.3568, 0.3814

Deuteranopia

66.8885, 0.3796, 0.3712



Tritanopia

67.0551, 0.3400, 0.3136

Trichromacy



Original Color

67.0252, 0.3737, 0.3762

Protanomaly

67.3326, 0.3628, 0.3796

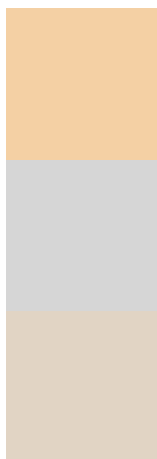
Deuteranomaly

66.8157, 0.3768, 0.3726

Tritanomaly

67.1734, 0.3526, 0.3365

Monochromacy



Original Color

67.0252, 0.3737, 0.3762

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.0800, 0.3338, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0252, 0.3737, 0.3762 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(244, 208, 164)` looks like.

```
.text, #text, p{  
    color:rgb(244, 208, 164)  
}
```

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(244, 208, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 208, 164) }
```

Border

The CSS property to change the border of an element to Yxy 67.0252, 0.3737, 0.3762 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(244, 208, 164) }
```

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

```
.border{ border-color:rgb(244, 208, 164) }
```

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

Here you see how a box with a 4 pixel rgb(244, 208, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 208, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 208, 164);  
box-shadow:4px 4px 4px 4px rgb(244, 208,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0252, 0.3737, 0.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 208, 164) }
```

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

```
.background{ background-color: rgb(244,  
208, 164) }
```

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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