

Converting Colors

$Y_{xy}(60.9636, 0.3732, 0.3654)$

Have a look what the booklet for
Yxy(60.9636, 0.3732, 0.3654)
contains.

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Color

Yxy(60.9636, 0.3732, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	EFC5A4
RGB	239, 197, 164
RGB Percent	94%, 77%, 64%
CMY	0.0627, 0.2274, 0.3568
CMYK	0.00, 0.18, 0.31, 0.06
HSL	26°, 70%, 79%
HSV	26°, 31%, 94%
XYZ	62.2650, 60.9636, 43.6122
YIQ	205.7960, 35.6250, -1.3590

Conversions

Conversions Part 2

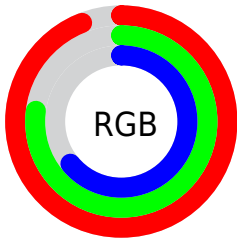
Format	Color
R _Y B	239, 223, 164
Decimal	15713700
CIE Lab	82.36, 10.29, 22.16
CIE LCh	82, 24.428, 65.096
Yxy	60.9636, 0.3732, 0.3654
Android (android.graphics.Color)	4293903780 (0xFFEFC5A4)
YUV	205.7960, -20.6054, 29.1199
Hunter-Lab	78.0792, 5.7079, 21.5382

Details

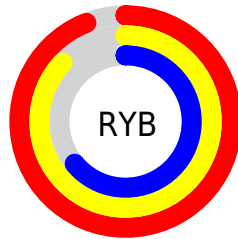
The Yxy color $60.9636, 0.3732, 0.3654$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $58.2731, 0.2630, 0.2894$, and the grayscale version is $61.7036, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.2581, 0.3341, 0.3632$, and $30.7599, 0.3889, 0.3734$ is the 20% darker color. If you saturate the color by 10%, you get $54.3709, 0.3984, 0.3773$, and if you desaturate by 10%, it is $68.2640, 0.3510, 0.3533$.

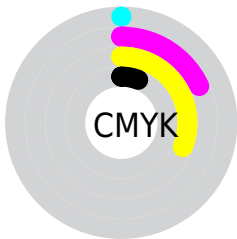
Distribution



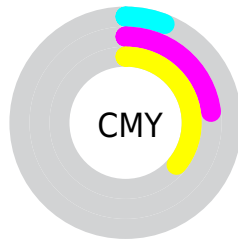
- Red (94%)
- Green (77%)
- Blue (64%)



- Red (94%)
- Yellow (87%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (6%)




- Cyan (6%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9636, 0.3732, 0.3654 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 60.9636, 0.3732, 0.3654 by changing the saturation by 10% instead.


 60.9636, 0.3732,
0.3654

 60.9636, 0.3732,
0.3654


428.1405, 0.3442,
0.3487

 44.1958, 0.3800,
0.3691


 106.2262, 0.3629,
0.3597

 30.8245, 0.3886,
0.3737


 135.4898, 0.3590,
0.3574

 20.4652, 0.3996,
0.3793


169.6875, 0.3556,
0.3555

 12.7337, 0.4142,
0.3864

209.2036, 0.3527,
0.3538

 7.2454, 0.4342,
0.3954

254.4226, 0.3502,
0.3523

 3.6160, 0.4632,
0.4066

305.7288, 0.3479,

 1.4612, 0.5478,

0.3509

363.5067, 0.3460,
0.3498

0.4522

0.2612, 0.6566,
0.3434

0.0000, 0.0000,
0.0000

60.9636, 0.3732,
0.3654

60.9636, 0.3732,
0.3654

54.3709, 0.3984,
0.3773

68.2640, 0.3510,
0.3533

48.4544, 0.4262,
0.3883

76.2854, 0.3316,
0.3416

43.1922, 0.4561,
0.3974

85.0515, 0.3148,
0.3305

38.5581, 0.4867,
0.4032

94.2815, 0.3030,
0.3246

■ 34.5231, 0.5161,
0.4045

■ 97.0911, 0.3029,
0.3290

■ 31.0552, 0.5421,
0.4003

■ 28.4851, 0.5609,
0.3929

Harmonies

Analogous

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



60.9636, 0.3723, 0.3411



60.9636, 0.3732, 0.3654



60.9636, 0.3572, 0.3817

Triad

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



60.9636, 0.3732, 0.3654



60.9636, 0.2719, 0.3416



60.9636, 0.2937, 0.2802

Complementary

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



60.9636, 0.3732, 0.3654



58.2731, 0.2630, 0.2894

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.



60.9636, 0.2686, 0.2783



60.9636, 0.3732, 0.3654



60.9636, 0.2566, 0.3120

Square

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



60.9636, 0.3732, 0.3654



60.9636, 0.2984, 0.3688



60.9636, 0.2554, 0.2893



60.9636, 0.3251, 0.2935

Rectangle

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



60.9636, 0.3732, 0.3654



60.9636, 0.3396, 0.3849



60.9636, 0.2554, 0.2893



60.9636, 0.2843, 0.2782

Sweetspot

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



60.9664, 0.3732, 0.3654



90.6809, 0.3274, 0.3389



49.3871, 0.3442, 0.2829



19.1013, 0.3300, 0.3406



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.



60.9664, 0.3732, 0.3654



65.3805, 0.3899, 0.3735



79.8791, 0.3616, 0.4027



16.9032, 0.3282, 0.3394



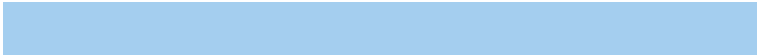
15.9927, 0.5582, 0.3950



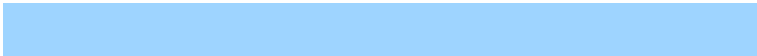
1.5254, 0.5354, 0.4131

Inverse Universe

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



58.2731, 0.2630, 0.2894



61.7704, 0.2523, 0.2793



42.5060, 0.2575, 0.2428



16.6973, 0.2980, 0.3184



13.1093, 0.1829, 0.1784



1.2885, 0.1889, 0.1999

Previews

White Background



This preview shows how the Yxy color 60.9636, 0.3732, 0.3654 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 60.9636, 0.3732, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

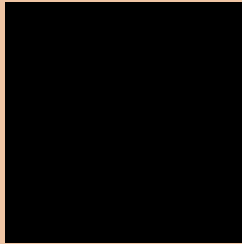
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9636, 0.3732, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 60.9636, 0.3732, 0.3654.



This preview shows how white text looks on a background with the Yxy color 60.9636, 0.3732, 0.3654.

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

60.9636, 0.3732, 0.3654

Protanopia

61.2415, 0.3494, 0.3721

Deuteranopia

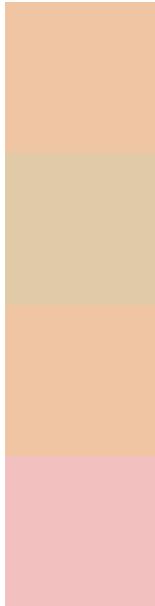
60.9636, 0.3732, 0.3654



Tritanopia

60.9509, 0.3446, 0.3131

Trichromacy



Original Color

60.9636, 0.3732, 0.3654

Protanomaly

61.0386, 0.3576, 0.3690

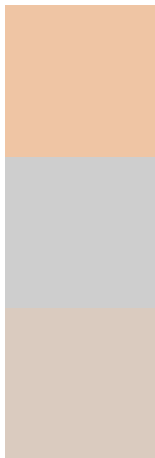
Deuteranomaly

60.9636, 0.3732, 0.3654

Tritanomaly

60.7788, 0.3548, 0.3313

Monochromacy



Original Color

60.9636, 0.3732, 0.3654

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3789, 0.3333, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9636, 0.3732, 0.3654 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(239, 197, 164)` looks like.

```
.text, #text, p{  
    color:rgb(239, 197, 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(239, 197, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 197, 164) }
```

Border

The CSS property to change the border of an element to Yxy 60.9636, 0.3732, 0.3654 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(239, 197, 164) }
```

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

```
.border{ border-color:rgb(239, 197, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 197, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 197, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 197, 164);  
box-shadow:4px 4px 4px 4px rgb(239, 197,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9636, 0.3732, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 197, 164) }
```

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

```
.background{ background-color: rgb(239,  
197, 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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