

Converting Colors

$Yxy(60.8572, 0.3573, 0.3542)$

Have a look what the booklet for
Yxy(60.8572, 0.3573, 0.3542)
contains.

Yxy(60.6786, 0.3574, 0.3537)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6786, 0.3574, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	E8C6B0
RGB	232, 198, 176
RGB Percent	91%, 78%, 69%
CMY	0.0901, 0.2235, 0.3097
CMYK	0.00, 0.15, 0.24, 0.09
HSL	24°, 55%, 80%
HSV	24°, 24%, 91%
XYZ	61.3133, 60.6786, 49.5619
YIQ	205.6580, 27.3260, 0.3660

Conversions

Conversions Part 2

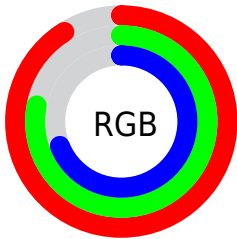
Format	Color
R _Y B	232, 212, 176
Decimal	15255216
CIE Lab	82.21, 8.72, 15.47
CIE LCh	82, 17.762, 60.581
Yxy	60.6786, 0.3574, 0.3537
Android (android.graphics.Color)	4293445296 (0xFFE8C6B0)
YUV	205.6580, -14.6214, 23.1019
Hunter-Lab	77.8965, 4.1809, 16.8041

Details

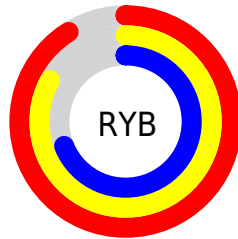
The Yxy color $60.6786, 0.3574, 0.3537$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $61.1657, 0.2750, 0.3029$, and the grayscale version is $61.5764, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6062, 0.3262, 0.3513$, and $30.6067, 0.3698, 0.3599$ is the 20% darker color. If you saturate the color by 10%, you get $53.6944, 0.3811, 0.3645$, and if you desaturate by 10%, it is $68.4247, 0.3369, 0.3431$.

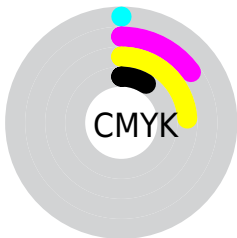
Distribution



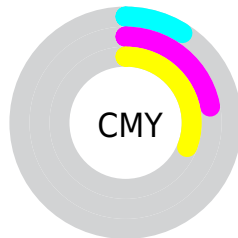
- Red (91%)
- Green (78%)
- Blue (69%)



- Red (91%)
- Yellow (83%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (9%)




- Cyan (9%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6786, 0.3574, 0.3537 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 60.6786, 0.3574, 0.3537 by changing the saturation by 10% instead.

 60.6786, 0.3574,
0.3537

 60.6786, 0.3574,
0.3537

427.0946, 0.3359,
0.3422

 43.9658, 0.3625,
0.3563


 105.8134, 0.3498,
0.3497

 30.6437, 0.3689,
0.3595


135.0043, 0.3469,
0.3482

 20.3277, 0.3772,
0.3635


169.1233, 0.3444,
0.3469

 12.6334, 0.3883,
0.3687

208.5549, 0.3422,
0.3457

 7.1766, 0.4039,
0.3756

253.6834, 0.3403,
0.3447

 3.5728, 0.4272,
0.3850

304.8933, 0.3387,

 1.4376, 0.4793,

0.3438

0.4096

362.5689, 0.3372,
0.3430

0.2442, 0.6457,
0.3543

0.0000, 0.0000,
0.0000

60.6786, 0.3574,
0.3537

60.6786, 0.3574,
0.3537

53.6944, 0.3811,
0.3645

68.4247, 0.3369,
0.3431

47.4396, 0.4082,
0.3751

76.9476, 0.3192,
0.3330

41.8913, 0.4382,
0.3845

86.2719, 0.3042,
0.3236

37.0220, 0.4705,
0.3917

95.4963, 0.2988,
0.3283

■ 32.8025, 0.5033,
0.3954

■ 95.8980, 0.2988,
0.3290

■ 29.2004, 0.5343,
0.3943

■ 26.1795, 0.5609,
0.3879

■ 24.6554, 0.5742,
0.3823

Harmonies

Analogous

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



60.6786, 0.3547, 0.3355



60.6786, 0.3574, 0.3537



60.6786, 0.3477, 0.3663

Triad

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



60.6786, 0.3574, 0.3537



60.6786, 0.2854, 0.3415



60.6786, 0.2958, 0.2921

Complementary

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



60.6786, 0.3574, 0.3537



61.1657, 0.2750, 0.3029

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.



60.6786, 0.2782, 0.2924



60.6786, 0.3574, 0.3537



60.6786, 0.2725, 0.3201

Square

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



60.6786, 0.3574, 0.3537



60.6786, 0.3059, 0.3598



60.6786, 0.2699, 0.3023



60.6786, 0.3184, 0.3008

Rectangle

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



60.6786, 0.3574, 0.3537



60.6786, 0.3357, 0.3693



60.6786, 0.2699, 0.3023



60.6786, 0.2891, 0.2911

Sweetspot

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



60.6814, 0.3574, 0.3537



92.1797, 0.3241, 0.3359



52.8950, 0.3329, 0.2910



19.5908, 0.3251, 0.3365



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.



60.6814, 0.3574, 0.3537



70.7325, 0.3689, 0.3591



74.4033, 0.3506, 0.3827



15.2915, 0.3283, 0.3383



13.9146, 0.5713, 0.3846



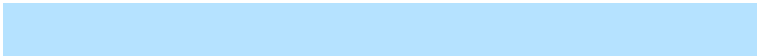
1.2049, 0.5444, 0.4060

Inverse Universe

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



61.1657, 0.2750, 0.3029



71.4245, 0.2671, 0.2967



48.7397, 0.2721, 0.2690



15.3367, 0.2981, 0.3195



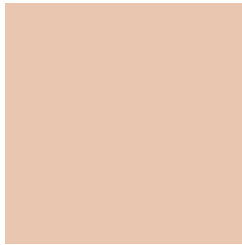
14.0484, 0.1876, 0.1953



1.2178, 0.1936, 0.2169

Previews

White Background



This preview shows how the Yxy color 60.6786, 0.3574, 0.3537 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 60.6786, 0.3574, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

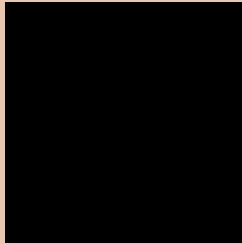
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6786, 0.3574, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 60.6786, 0.3574, 0.3537.



This preview shows how white text looks on a background with the Yxy color 60.6786, 0.3574, 0.3537.

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

60.6786, 0.3574, 0.3537

Protanopia

60.7365, 0.3389, 0.3582

Deuteranopia

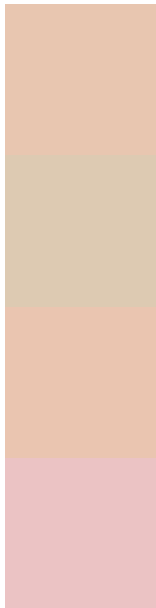
60.7293, 0.3602, 0.3524



Tritanopia

60.5269, 0.3362, 0.3128

Trichromacy



Original Color

60.6786, 0.3574, 0.3537

Protanomaly

60.8276, 0.3458, 0.3566

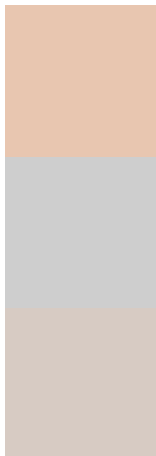
Deuteranomaly

60.5595, 0.3593, 0.3525

Tritanomaly

60.6779, 0.3445, 0.3280

Monochromacy



Original Color

60.6786, 0.3574, 0.3537

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0991, 0.3279, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6786, 0.3574, 0.3537 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(232, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 198, 176)  
}
```

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(232, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 198, 176) }
```

Border

The CSS property to change the border of an element to Yxy 60.6786, 0.3574, 0.3537 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(232, 198, 176) }
```

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

```
.border{ border-color:rgb(232, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(232, 198,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6786, 0.3574, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 198, 176) }
```

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

```
.background{ background-color: rgb(232,  
198, 176) }
```

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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