

Converting Colors

$Yxy(48.7719, 0.3787, 0.3280)$

Have a look what the booklet for
Yxy(48.7719, 0.3787, 0.3280)
contains.

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Color

Yxy(48.6417, 0.3787, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	EEA7A8
RGB	238, 167, 168
RGB Percent	93%, 65%, 66%
CMY	0.0667, 0.3451, 0.3412
CMYK	0.00, 0.30, 0.29, 0.07
HSL	359°, 68%, 79%
HSV	359°, 30%, 93%
XYZ	56.1433, 48.6417, 43.4677
YIQ	188.3430, 41.9950, 15.3630

Conversions

Conversions Part 2

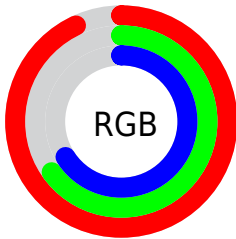
Format	Color
R _Y B	238, 167, 168
Decimal	15640488
CIE Lab	75.23, 26.30, 10.02
CIE LCh	75, 28.146, 20.865
Yxy	48.6417, 0.3787, 0.3281
Android (android.graphics.Color)	4293830568 (0xFFEEA7A8)
YUV	188.3430, -10.0291, 43.5492
Hunter-Lab	69.7436, 21.6404, 11.8680

Details

The Yxy color **48.6417, 0.3787, 0.3281** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75.4768, 0.2702, 0.3300**, and the grayscale version is **50.5356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3631, 0.3356, 0.3291**, and **23.1193, 0.3984, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **39.9138, 0.4122, 0.3278**, and if you desaturate by 10%, it is **59.1366, 0.3515, 0.3284**.

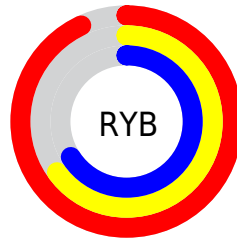
Distribution



Red (93%)

Green (65%)

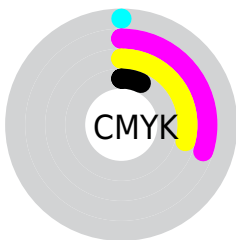
Blue (66%)



Red (93%)

Yellow (65%)

Blue (66%)

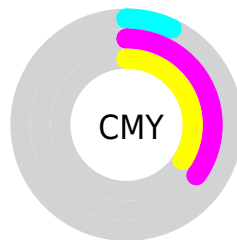


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (7%)



Cyan (7%)


Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6417, 0.3787, 0.3281 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 48.6417, 0.3787, 0.3281 by changing the saturation by 10% instead.


 48.6417, 0.3787,
0.3281


 48.6417, 0.3787,
0.3281


381.3301, 0.3456,
0.3293

 34.3353, 0.3869,
0.3276

 88.1591, 0.3667,
0.3287

 23.1513, 0.3975,
0.3268


 114.1389, 0.3622,
0.3289

 14.7053, 0.4115,
0.3256


144.7786, 0.3584,
0.3290

 8.6128, 0.4310,
0.3235

180.4626, 0.3551,
0.3291

 4.4895, 0.4597,
0.3197

221.5754, 0.3523,
0.3291

 1.9510, 0.5057,
0.3115

268.5013, 0.3498,

 0.5788, 0.6823,

0.3292

0.3177

321.6247, 0.3476,
0.3292

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6417, 0.3787,
0.3281

48.6417, 0.3787,
0.3281

39.9138, 0.4122,
0.3278

59.1366, 0.3515,
0.3284

32.8494, 0.4524,
0.3276

71.4809, 0.3298,
0.3287

27.3449, 0.4983,
0.3276

85.7601, 0.3124,
0.3290

23.2823, 0.5463,
0.3278

96.9158, 0.3023,
0.3290

■ 20.5266, 0.5901,
0.3282

■ 18.9178, 0.6222,
0.3289

■ 18.1929, 0.6388,
0.3294

■ 18.1830, 0.6390,
0.3294

Harmonies

Analogous

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



48.6417, 0.3481, 0.2984



48.6417, 0.3787, 0.3281



48.6417, 0.3903, 0.3596

Triad

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



48.6417, 0.3787, 0.3281



48.6417, 0.3127, 0.3905



48.6417, 0.2487, 0.2708

Complementary

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



48.6417, 0.3787, 0.3281



75.4768, 0.2702, 0.3300

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.



48.6417, 0.2408, 0.2911



48.6417, 0.3787, 0.3281



48.6417, 0.2762, 0.3621

Square

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



48.6417, 0.3787, 0.3281



48.6417, 0.3507, 0.3986



48.6417, 0.2505, 0.3244



48.6417, 0.2729, 0.2662

Rectangle

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



48.6417, 0.3787, 0.3281



48.6417, 0.3854, 0.3783



48.6417, 0.2505, 0.3244



48.6417, 0.2442, 0.2759

Sweetspot

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



48.6440, 0.3787, 0.3281



84.8483, 0.3283, 0.3287



51.7859, 0.3152, 0.2546



17.6744, 0.3311, 0.3287



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.



48.6440, 0.3787, 0.3281



50.2224, 0.3991, 0.3279



62.8883, 0.3686, 0.3668



15.7624, 0.3291, 0.3287



10.1465, 0.6386, 0.3292



0.8453, 0.6347, 0.3270

Inverse Universe

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



48.6440, 0.3787, 0.3281



50.2224, 0.3991, 0.3279



57.4254, 0.2651, 0.2879



15.7624, 0.3291, 0.3287



10.1465, 0.6386, 0.3292



0.8453, 0.6347, 0.3270

Previews

White Background



This preview shows how the Yxy color 48.6417, 0.3787, 0.3281 looks on a white background.

Color Contrast Check

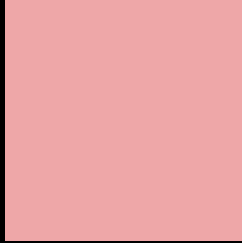
Large Text (above 18pt) WCAG AA × Fail

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 48.6417, 0.3787, 0.3281 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 48.6417, 0.3787, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 48.6417, 0.3787, 0.3281.



This preview shows how white text looks on a background with the Yxy color 48.6417, 0.3787, 0.3281.

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

48.6417, 0.3787, 0.3281

Protanopia

48.9886, 0.3233, 0.3379

Deuteranopia

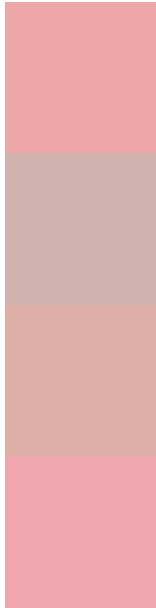
48.8423, 0.3522, 0.3450



Tritanopia

48.4753, 0.3706, 0.3147

Trichromacy



Original Color

48.6417, 0.3787, 0.3281

Protanomaly

48.3067, 0.3427, 0.3340

Deuteranomaly

48.8221, 0.3615, 0.3386

Tritanomaly

48.6792, 0.3742, 0.3203

Monochromacy



Original Color

48.6417, 0.3787, 0.3281

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.1005, 0.3346, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6417, 0.3787, 0.3281 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(238, 167, 168)` looks like.

```
.text, #text, p{  
    color:rgb(238, 167, 168)  
}
```

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(238, 167, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 167, 168) }
```

Border

The CSS property to change the border of an element to Yxy 48.6417, 0.3787, 0.3281 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(238, 167, 168) }
```

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

```
.border{ border-color:rgb(238, 167, 168) }
```

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

Here you see how a box with a 4 pixel rgb(238, 167, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 167, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 167, 168);  
box-shadow:4px 4px 4px 4px rgb(238, 167,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6417, 0.3787, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 167, 168) }
```

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

```
.background{ background-color: rgb(238,  
167, 168) }
```

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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