

Converting Colors

$Yxy(48.4951, 0.3556, 0.3233)$

Have a look what the booklet for
Yxy(48.4951, 0.3556, 0.3233)
contains.

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Color

Yxy(48.5267, 0.3560, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	E0ACB1
RGB	224, 172, 177
RGB Percent	88%, 67%, 69%
CMY	0.1214, 0.3255, 0.3059
CMYK	0.00, 0.23, 0.21, 0.12
HSL	354°, 46%, 78%
HSV	354°, 23%, 88%
XYZ	53.4349, 48.5267, 48.1364
YIQ	188.1180, 29.3870, 12.5790

Conversions

Conversions Part 2

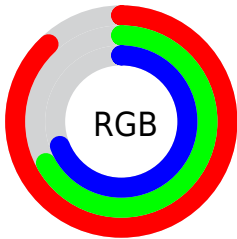
Format	Color
R_{YB}	224, 172, 177
Decimal	14724273
CIE _{Lab}	75.16, 19.75, 4.81
CIE _{LCh}	75, 20.329, 13.676
Yxy	48.5267, 0.3560, 0.3233
Android (android.graphics.Color)	4292914353 (0xFFE0ACB1)
YUV	188.1180, -5.4812, 31.4685
Hunter-Lab	69.6611, 15.0150, 7.7929

Details

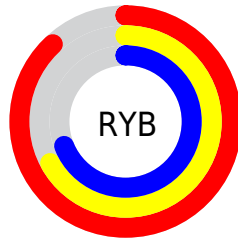
The Yxy color **48.5267, 0.3560, 0.3233** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.2156, 0.2813, 0.3349**, and the grayscale version is **50.3810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6300, 0.3283, 0.3241**, and **22.9992, 0.3679, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **39.9599, 0.3825, 0.3207**, and if you desaturate by 10%, it is **58.6553, 0.3346, 0.3259**.

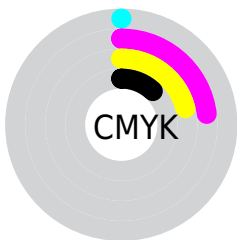
Distribution



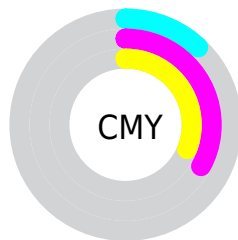
- Red (88%)
- Green (67%)
- Blue (69%)



- Red (88%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (12%)




- Cyan (12%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5267, 0.3560, 0.3233 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 48.5267, 0.3560, 0.3233 by changing the saturation by 10% instead.

 48.5267, 0.3560,
0.3233

 48.5267, 0.3560,
0.3233


380.8761, 0.3344,
0.3264

 34.2442, 0.3614,
0.3225

 87.9881, 0.3481,
0.3245

 23.0812, 0.3683,
0.3213


113.9358, 0.3452,
0.3249

 14.6535, 0.3775,
0.3198


144.5406, 0.3427,
0.3253

 8.5766, 0.3903,
0.3175

180.1870, 0.3406,
0.3256

 4.4660, 0.4094,
0.3138

221.2593, 0.3387,
0.3258

 1.9375, 0.4405,
0.3071

268.1420, 0.3371,

 0.5708, 0.5480,

0.3260


0.3013


321.2195, 0.3356,
0.3262


 0.0000, 0.0000,
0.0000


 48.5267, 0.3560,
0.3233


 48.5267, 0.3560,
0.3233


 39.9599, 0.3825,
0.3207


 58.6553, 0.3346,
0.3259


 32.8708, 0.4149,
0.3183

 70.4109, 0.3175,
0.3283

 27.1778, 0.4533,
0.3164

 83.8631, 0.3037,
0.3305

 22.7886, 0.4969,
0.3154

 94.5925, 0.2941,
0.3289

 19.5997, 0.5424,
0.3159

■ 17.4919, 0.5844,
0.3182

■ 16.3216, 0.6164,
0.3222

■ 15.9085, 0.6307,
0.3248

Harmonies

Analogous

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



48.5267, 0.3320, 0.3020



48.5267, 0.3560, 0.3233



48.5267, 0.3680, 0.3468

Triad

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



48.5267, 0.3560, 0.3233



48.5267, 0.3200, 0.3755



48.5267, 0.2632, 0.2893

Complementary

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



48.5267, 0.3560, 0.3233



67.2156, 0.2813, 0.3349

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.



48.5267, 0.2604, 0.3072



48.5267, 0.3560, 0.3233



48.5267, 0.2924, 0.3584

Square

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



48.5267, 0.3560, 0.3233



48.5267, 0.3465, 0.3783



48.5267, 0.2709, 0.3327



48.5267, 0.2786, 0.2826

Rectangle

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



48.5267, 0.3560, 0.3233



48.5267, 0.3673, 0.3610



48.5267, 0.2709, 0.3327



48.5267, 0.2608, 0.2941

Sweetspot

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



48.5289, 0.3560, 0.3233



88.1391, 0.3236, 0.3274



49.9198, 0.3110, 0.2706



18.6577, 0.3246, 0.3272



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.



48.5289, 0.3560, 0.3233



59.1123, 0.3685, 0.3220



56.8866, 0.3552, 0.3531



13.7218, 0.3277, 0.3268



9.2644, 0.6286, 0.3237



0.6496, 0.6006, 0.3082

Inverse Universe

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



48.5289, 0.3560, 0.3233



59.1123, 0.3685, 0.3220



56.9681, 0.2765, 0.3036



13.7218, 0.3277, 0.3268



9.2644, 0.6286, 0.3237



0.6496, 0.6006, 0.3082

Previews

White Background



This preview shows how the Yxy color 48.5267, 0.3560, 0.3233 looks on a white background.

Color Contrast Check

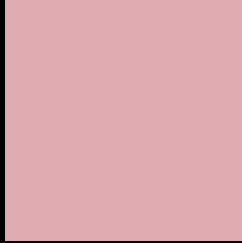
Large Text (above 18pt) WCAG AA × Fail

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 48.5267, 0.3560, 0.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

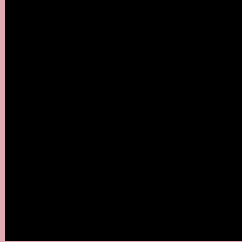
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5267, 0.3560, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 48.5267, 0.3560, 0.3233.



This preview shows how white text looks on a background with the Yxy color 48.5267, 0.3560, 0.3233.

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

48.5267, 0.3560, 0.3233

Protanopia

48.5605, 0.3169, 0.3290

Deuteranopia

48.6402, 0.3399, 0.3328



Tritanopia

48.5941, 0.3507, 0.3141

Trichromacy



Original Color

48.5267, 0.3560, 0.3233

Protanomaly

48.5353, 0.3311, 0.3278

Deuteranomaly

48.3314, 0.3459, 0.3291

Tritanomaly

48.4696, 0.3534, 0.3175

Monochromacy



Original Color

48.5267, 0.3560, 0.3233

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.3341, 0.3275, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5267, 0.3560, 0.3233 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(224, 172, 177)` looks like.

```
.text, #text, p{  
    color:rgb(224, 172, 177)  
}
```

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(224, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 172, 177) }
```

Border

The CSS property to change the border of an element to Yxy 48.5267, 0.3560, 0.3233 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(224, 172, 177) }
```

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

```
.border{ border-color:rgb(224, 172, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 172, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(224, 172,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5267, 0.3560, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 172, 177) }
```

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

```
.background{ background-color: rgb(224,  
172, 177) }
```

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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