

Converting Colors

$Y_{xy}(42.8088, 0.3767, 0.3271)$

Have a look what the booklet for
Yxy(42.8088, 0.3767, 0.3271)
contains.

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Color

Yxy(42.8391, 0.3762, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	E09EA0
RGB	224, 158, 160
RGB Percent	88%, 62%, 63%
CMY	0.1215, 0.3804, 0.3725
CMYK	0.00, 0.29, 0.29, 0.12
HSL	358°, 52%, 75%
HSV	358°, 29%, 88%
XYZ	49.3148, 42.8391, 38.9327
YIQ	177.9620, 38.6940, 14.6140

Conversions

Conversions Part 2

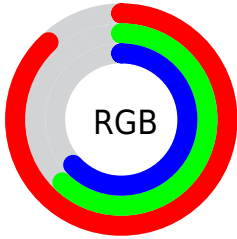
Format	Color
R _Y B	224, 158, 160
Decimal	14720672
CIE Lab	71.45, 24.85, 8.81
CIE LCh	71, 26.371, 19.526
Yxy	42.8391, 0.3762, 0.3268
Android (android.graphics.Color)	4292910752 (0xFFE09EA0)
YUV	177.9620, -8.8553, 40.3753
Hunter-Lab	65.4516, 19.9513, 10.5485

Details

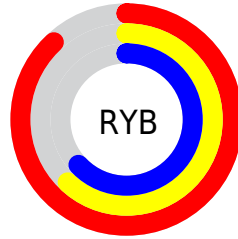
The Yxy color $42.8391, 0.3762, 0.3268$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $65.8578, 0.2714, 0.3313$, and the grayscale version is $44.5337, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.7548, 0.3428, 0.3271$, and $19.6277, 0.3944, 0.3245$ is the 20% darker color. If you saturate the color by 10%, you get $35.1880, 0.4087, 0.3261$, and if you desaturate by 10%, it is $52.0198, 0.3499, 0.3276$.

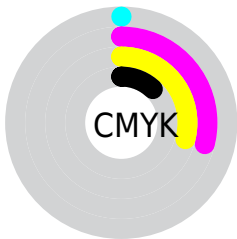
Distribution



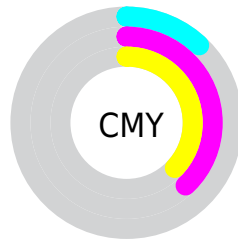
- Red (88%)
- Green (62%)
- Blue (63%)



- Red (88%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (29%)
- Yellow (29%)
- Black (12%)





- Cyan (12%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.8391, 0.3762, 0.3268 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 42.8391, 0.3762, 0.3268 by changing the saturation by 10% instead.


 42.8391, 0.3762,
0.3268

 42.8391, 0.3762,
0.3268


357.9497, 0.3437,
0.3286

 29.7589, 0.3845,
0.3261


 79.4680, 0.3642,
0.3276

 19.6557, 0.3953,
0.3252


 103.7855, 0.3598,
0.3278

 12.1450, 0.4099,
0.3237


132.6175, 0.3561,
0.3280

 6.8425, 0.4305,
0.3211

166.3485, 0.3529,
0.3282

 3.3638, 0.4620,
0.3163

205.3628, 0.3501,
0.3283

 1.3245, 0.5165,
0.3067

250.0448, 0.3477,


 0.1600, 0.8258,


0.3284


0.1742


300.7790, 0.3456,
0.3285

 0.0000, 0.0000,
0.0000

 42.8391, 0.3762,
0.3268


 42.8391, 0.3762,
0.3268


 35.1880, 0.4087,
0.3261


 52.0198, 0.3499,
0.3276


 28.9778, 0.4477,
0.3255


 62.8004, 0.3288,
0.3283

 24.1200, 0.4925,
0.3252

 75.2543, 0.3119,
0.3290

 20.5139, 0.5399,
0.3254

 89.4483, 0.2984,
0.3297

 18.0450, 0.5842,
0.3261

 94.5883, 0.2940,
0.3289

■ 16.5774, 0.6181,
0.3274

■ 15.8918, 0.6368,
0.3286

■ 15.8633, 0.6375,
0.3286

Harmonies

Analogous

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



42.8391, 0.3457, 0.2979



42.8391, 0.3762, 0.3268



42.8391, 0.3885, 0.3577

Triad

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



42.8391, 0.3762, 0.3268



42.8391, 0.3145, 0.3898



42.8391, 0.2494, 0.2727

Complementary

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



42.8391, 0.3762, 0.3268



65.8578, 0.2714, 0.3313

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.



42.8391, 0.2424, 0.2932



42.8391, 0.3762, 0.3268



42.8391, 0.2785, 0.3629

Square

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



42.8391, 0.3762, 0.3268



42.8391, 0.3514, 0.3969



42.8391, 0.2527, 0.3262



42.8391, 0.2724, 0.2674

Rectangle

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



42.8391, 0.3762, 0.3268



42.8391, 0.3844, 0.3762



42.8391, 0.2527, 0.3262



42.8391, 0.2452, 0.2779

Sweetspot

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



42.8411, 0.3762, 0.3268



84.8703, 0.3280, 0.3284



45.3355, 0.3142, 0.2555



17.6797, 0.3308, 0.3282



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.



42.8411, 0.3762, 0.3268



51.2863, 0.3942, 0.3264



54.6279, 0.3679, 0.3649



13.7073, 0.3287, 0.3283



9.2360, 0.6367, 0.3281



0.6426, 0.6268, 0.3227

Inverse Universe

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



42.8411, 0.3762, 0.3268



51.2863, 0.3942, 0.3264



50.8817, 0.2660, 0.2900



13.7073, 0.3287, 0.3283



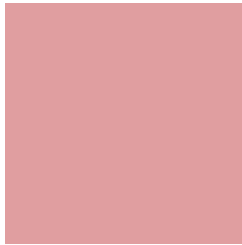
9.2360, 0.6367, 0.3281



0.6426, 0.6268, 0.3227

Previews

White Background



This preview shows how the Yxy color 42.8391, 0.3762, 0.3268 looks on a white background.

Color Contrast Check

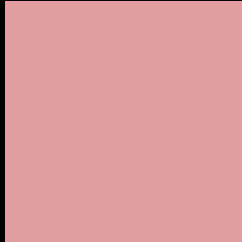
Large Text (above 18pt) WCAG AA × Fail

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 42.8391, 0.3762, 0.3268 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 42.8391, 0.3762, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 42.8391, 0.3762, 0.3268.



This preview shows how white text looks on a background with the Yxy color 42.8391, 0.3762, 0.3268.

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

42.8391, 0.3762, 0.3268

Protanopia

43.2278, 0.3221, 0.3371

Deuteranopia

42.9867, 0.3507, 0.3433



Tritanopia

42.9861, 0.3684, 0.3151

Trichromacy



Original Color

42.8391, 0.3762, 0.3268

Protanomaly

42.8649, 0.3405, 0.3330

Deuteranomaly

42.8234, 0.3595, 0.3366

Tritanomaly

42.8747, 0.3715, 0.3186

Monochromacy



Original Color

42.8391, 0.3762, 0.3268

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.6682, 0.3347, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8391, 0.3762, 0.3268 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, 158, 160)` looks like.

```
.text, #text, p{  
    color:rgb(224, 158, 160)  
}
```

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, 158, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 158, 160) }
```

Border

The CSS property to change the border of an element to Yxy 42.8391, 0.3762, 0.3268 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, 158, 160) }
```

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

```
.border{ border-color:rgb(224, 158, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 158, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 158, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 158, 160);  
box-shadow:4px 4px 4px 4px rgb(224, 158,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8391, 0.3762, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 158, 160) }
```

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

```
.background{ background-color: rgb(224,  
158, 160) }
```

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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