

Converting Colors

$Yxy(64.1757, 0.3709, 0.3286)$

Have a look what the booklet for
Yxy(64.1757, 0.3709, 0.3286)
contains.

Yxy(62.7650, 0.3650, 0.3292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.7650, 0.3650, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0C0
RGB	255, 192, 192
RGB Percent	100%, 75%, 75%
CMY	0.0002, 0.2470, 0.2471
CMYK	0.00, 0.25, 0.25, 0.00
HSL	0°, 100%, 88%
HSV	0°, 25%, 100%
XYZ	69.5906, 62.7650, 58.3036
YIQ	210.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

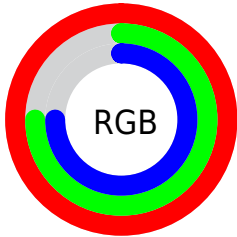
Format	Color
R _Y B	255, 192, 192
Decimal	16761024
CIE Lab	83.32, 22.55, 8.83
CIE LCh	83, 24.221, 21.382
Yxy	62.7650, 0.3650, 0.3292
Android (android.graphics.Color)	4294951104 (0xFFFFC0C0)
YUV	210.8370, -9.2866, 38.7310
Hunter-Lab	79.2244, 18.1516, 11.8238

Details

The Yxy color $62.7650, 0.3650, 0.3292$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.8845, 0.2762, 0.3288$, and the grayscale version is $65.0718, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.7887, 0.3171, 0.3300$, and $31.9114, 0.3778, 0.3279$ is the 20% darker color. If you saturate the color by 10%, you get $51.4958, 0.3958, 0.3293$, and if you desaturate by 10%, it is $76.1723, 0.3403, 0.3291$.

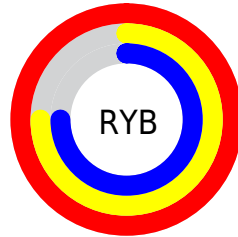
Distribution



Red (100%)

Green (75%)

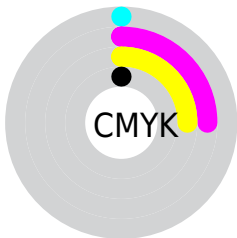
Blue (75%)



Red (100%)

Yellow (75%)

Blue (75%)

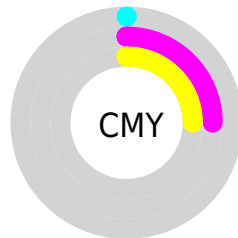


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7650, 0.3650, 0.3292 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 62.7650, 0.3650, 0.3292 by changing the saturation by 10% instead.

 62.7650, 0.3650,
0.3292

 62.7650, 0.3650,
0.3292


434.7161, 0.3399,
0.3296

 45.6511, 0.3709,
0.3290


 108.8304, 0.3561,
0.3294

 31.9706, 0.3784,
0.3287


138.5507, 0.3527,
0.3295

 21.3390, 0.3880,
0.3282


173.2420, 0.3498,
0.3295

 13.3721, 0.4009,
0.3273

213.2886, 0.3473,
0.3295

 7.6852, 0.4190,
0.3257

259.0749, 0.3451,
0.3296

 3.8942, 0.4462,
0.3227


310.9853, 0.3432,

 1.6146, 0.4911,


0.3296

0.3157


369.4043, 0.3415,
0.3296


 0.3674, 0.7104,
0.2896


 0.0000, 0.0000,
0.0000


 62.7650, 0.3650,
0.3292


 62.7650, 0.3650,
0.3292

 51.4958, 0.3958,
0.3293


 76.1723, 0.3403,
0.3291

 42.2461, 0.4333,
0.3294

 91.8108, 0.3205,
0.3290

 34.8991, 0.4774,
0.3296

99.9921, 0.3127,
0.3290

 29.3227, 0.5256,
0.3297

■ 25.3677, 0.5726,
0.3299

■ 22.8605, 0.6108,
0.3300

■ 21.5882, 0.6336,
0.3300

■ 21.2562, 0.6400,
0.3300

Harmonies

Analogous

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



62.7650, 0.3413, 0.3050



62.7650, 0.3650, 0.3292



62.7650, 0.3739, 0.3545

Triad

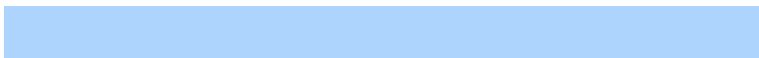
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.7650, 0.3650, 0.3292



62.7650, 0.3126, 0.3766



62.7650, 0.2618, 0.2826

Complementary

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



62.7650, 0.3650, 0.3292



89.8845, 0.2762, 0.3288

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.



62.7650, 0.2551, 0.2990



62.7650, 0.3650, 0.3292



62.7650, 0.2835, 0.3545

Square

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



62.7650, 0.3650, 0.3292



62.7650, 0.3427, 0.3838



62.7650, 0.2628, 0.3253



62.7650, 0.2816, 0.2787

Rectangle

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



62.7650, 0.3650, 0.3292



62.7650, 0.3701, 0.3690



62.7650, 0.2628, 0.3253



62.7650, 0.2580, 0.2867

Sweetspot

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



62.7679, 0.3650, 0.3292



88.0462, 0.3247, 0.3290



66.1597, 0.3156, 0.2673



18.6363, 0.3258, 0.3291



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.



62.7679, 0.3650, 0.3292



56.5574, 0.3805, 0.3293



78.0833, 0.3573, 0.3612



17.9893, 0.3295, 0.3291



11.1119, 0.6400, 0.3300



1.0827, 0.6399, 0.3301

Inverse Universe

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



89.8845, 0.2762, 0.3288



88.2278, 0.2693, 0.3288



71.4474, 0.2732, 0.2945



20.4790, 0.2980, 0.3289



41.0811, 0.2246, 0.3285



4.0006, 0.2246, 0.3285

Previews

White Background



This preview shows how the Yxy color 62.7650, 0.3650, 0.3292 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 62.7650, 0.3650, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

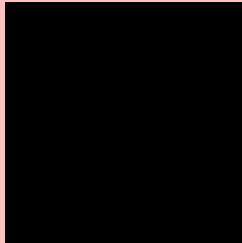
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7650, 0.3650, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 62.7650, 0.3650, 0.3292.



This preview shows how white text looks on a background with the Yxy color 62.7650, 0.3650, 0.3292.

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

62.7650, 0.3650, 0.3292

Protanopia

62.9419, 0.3223, 0.3371

Deuteranopia

62.9834, 0.3473, 0.3412



Tritanopia

62.9294, 0.3545, 0.3147

Trichromacy



Original Color

62.7650, 0.3650, 0.3292

Protanomaly

62.7663, 0.3369, 0.3346

Deuteranomaly

63.0270, 0.3537, 0.3367

Tritanomaly

62.6917, 0.3586, 0.3198

Monochromacy



Original Color

62.7650, 0.3650, 0.3292

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.8763, 0.3306, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7650, 0.3650, 0.3292 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(255, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 192)  
}
```

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(255, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 192) }
```

Border

The CSS property to change the border of an element to Yxy 62.7650, 0.3650, 0.3292 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(255, 192, 192) }
```

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

```
.border{ border-color:rgb(255, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7650, 0.3650, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 192) }
```

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

```
.background{ background-color: rgb(255,  
192, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor