

Converting Colors

Yxy(61.9539, 0.3296, 0.3222)

Have a look what the booklet for
Yxy(61.9539, 0.3296, 0.3222)
contains.

| | |
|---|----|
| Yxy(62.0957, 0.3296, 0.3224) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(62.0957, 0.3296, 0.3224)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E3C8CE |
| RGB | 227, 200, 206 |
| RGB Percent | 89%, 78%, 81% |
| CMY | 0.1096, 0.2157, 0.1922 |
| CMYK | 0.00, 0.12, 0.09, 0.11 |
| HSL | 347°, 33%, 84% |
| HSV | 347°, 12%, 89% |
| XYZ | 63.4825, 62.0957, 67.0264 |
| YIQ | 208.7570, 14.1660, 7.5900 |

Conversions

Conversions Part 2

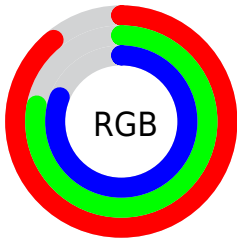
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 227, 200, 206 |
| Decimal | 14928078 |
| CIE Lab | 82.96, 10.49, 0.49 |
| CIE LCh | 83, 10.502, 2.695 |
| Yxy | 62.0957, 0.3296, 0.3224 |
| Android (android.graphics.Color) | 4293118158 (0xFFE3C8CE) |
| YUV | 208.7570, -1.3592, 15.9991 |
| Hunter-Lab | 78.8008, 5.8993, 4.7297 |

Details

The Yxy color **62.0957, 0.3296, 0.3224** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4629, 0.2981, 0.3357**, and the grayscale version is **63.6001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.4827, 0.3331, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **51.5406, 0.3475, 0.3165**, and if you desaturate by 10%, it is **74.3143, 0.3152, 0.3280**.

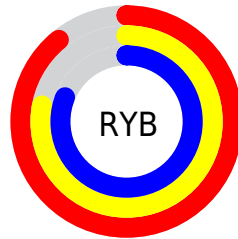
Distribution



Red (89%)

Green (78%)

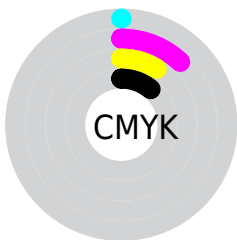
Blue (81%)



Red (89%)

Yellow (78%)

Blue (81%)

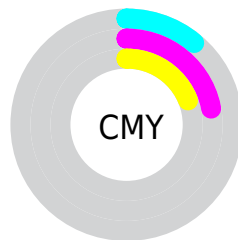


Cyan (0%)

Magenta (12%)

Yellow (9%)

Black (11%)



Cyan (11%)


Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0957, 0.3296, 0.3224 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 62.0957, 0.3296, 0.3224 by changing the saturation by 10% instead.


 62.0957, 0.3296,
0.3224

 62.0957, 0.3296,
0.3224


432.2801, 0.3216,
0.3256

 45.1100, 0.3315,
0.3216


107.8638, 0.3268,
0.3235

 31.5441, 0.3339,
0.3207


137.4151, 0.3257,
0.3240

 21.0135, 0.3370,
0.3195


171.9237, 0.3247,
0.3243

 13.1339, 0.3411,
0.3179

211.7739, 0.3239,
0.3246

 7.5208, 0.3469,
0.3155

257.3503, 0.3232,
0.3249

 3.7899, 0.3557,
0.3120

309.0372, 0.3226,

 1.5567, 0.3705,

0.3252

0.3060

367.2190, 0.3220,
0.3254

0.3282, 0.4660,
0.2692

0.0000, 0.0000,
0.0000

62.0957, 0.3296,
0.3224

62.0957, 0.3296,
0.3224

51.5406, 0.3475,
0.3165

74.3143, 0.3152,
0.3280

42.5692, 0.3694,
0.3104

88.2557, 0.3035,
0.3331

35.1071, 0.3962,
0.3045

95.0780, 0.2958,
0.3290

29.0707, 0.4281,
0.2994

■ 24.3685, 0.4649,
0.2958

■ 20.8981, 0.5050,
0.2947

■ 18.5421, 0.5453,
0.2972

■ 17.1598, 0.5811,
0.3035

■ 16.5714, 0.6044,
0.3103

Harmonies

Analogous

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



62.0957, 0.3172, 0.3127



62.0957, 0.3296, 0.3224



62.0957, 0.3375, 0.3339

Triad

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



62.0957, 0.3296, 0.3224



62.0957, 0.3214, 0.3520



62.0957, 0.2874, 0.3129

Complementary

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



62.0957, 0.3296, 0.3224



72.4629, 0.2981, 0.3357

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.



62.0957, 0.2885, 0.3232



62.0957, 0.3296, 0.3224



62.0957, 0.3079, 0.3462

Square

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



62.0957, 0.3296, 0.3224



62.0957, 0.3327, 0.3512



62.0957, 0.2960, 0.3355



62.0957, 0.2929, 0.3071

Rectangle

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



62.0957, 0.3296, 0.3224



62.0957, 0.3391, 0.3413



62.0957, 0.2960, 0.3355



62.0957, 0.2870, 0.3159

Sweetspot

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



62.0984, 0.3296, 0.3224



93.1631, 0.3180, 0.3268



62.1831, 0.3093, 0.2993



19.6742, 0.3190, 0.3264



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.



62.0984, 0.3296, 0.3224



77.6379, 0.3332, 0.3211



65.2329, 0.3332, 0.3370



14.4201, 0.3258, 0.3238



9.6747, 0.6009, 0.3084



0.7287, 0.5603, 0.2860

Inverse Universe

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



62.0984, 0.3296, 0.3224



77.6379, 0.3332, 0.3211



68.9237, 0.2943, 0.3208



14.4201, 0.3258, 0.3238



9.6747, 0.6009, 0.3084



0.7287, 0.5603, 0.2860

Previews

White Background



This preview shows how the Yxy color 62.0957, 0.3296, 0.3224 looks on a white background.

Color Contrast Check

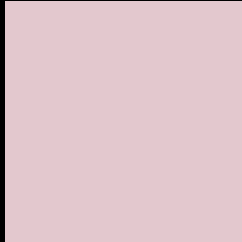
Large Text (above 18pt) WCAG AA × Fail

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 62.0957, 0.3296, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

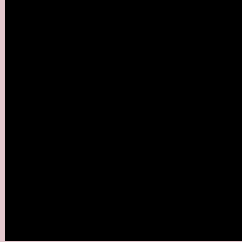
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0957, 0.3296, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 62.0957, 0.3296, 0.3224.



This preview shows how white text looks on a background with the Yxy color 62.0957, 0.3296, 0.3224.

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

62.0957, 0.3296, 0.3224

Protanopia

62.4477, 0.3136, 0.3256

Deuteranopia

62.0957, 0.3296, 0.3224



Tritanopia

62.1959, 0.3244, 0.3126

Trichromacy



Original Color

62.0957, 0.3296, 0.3224

Protanomaly

62.3387, 0.3191, 0.3245

Deuteranomaly

62.0957, 0.3296, 0.3224

Tritanomaly

62.0440, 0.3267, 0.3158

Monochromacy



Original Color

62.0957, 0.3296, 0.3224

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2956, 0.3189, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0957, 0.3296, 0.3224 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(227, 200, 206)` looks like.

```
.text, #text, p{  
    color:rgb(227, 200, 206)  
}
```

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(227, 200, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 200, 206) }
```

Border

The CSS property to change the border of an element to Yxy 62.0957, 0.3296, 0.3224 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(227, 200, 206) }
```

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

```
.border{ border-color:rgb(227, 200, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 200, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 200, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 200, 206);  
box-shadow:4px 4px 4px 4px rgb(227, 200,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0957, 0.3296, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 200, 206) }
```

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

```
.background{ background-color: rgb(227,  
200, 206) }
```

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