

Converting Colors

$Y_{xy}(62.1875, 0.3214, 0.3093)$

Have a look what the booklet for
Yxy(62.1875, 0.3214, 0.3093)
contains.

Yxy(62.1875, 0.3214, 0.3093)	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(62.1875, 0.3214, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	E3C7D9
RGB	227, 199, 217
RGB Percent	89%, 78%, 85%
CMY	0.1099, 0.2195, 0.1490
CMYK	0.00, 0.12, 0.04, 0.11
HSL	321°, 33%, 84%
HSV	321°, 12%, 89%
XYZ	64.6203, 62.1875, 74.2510
YIQ	209.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

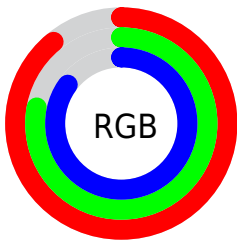
Format	Color
R _Y B	227, 199, 217
Decimal	14927833
CIE Lab	83.01, 12.88, -5.33
CIE LCh	83, 13.935, 337.522
Yxy	62.1875, 0.3214, 0.3093
Android (android.graphics.Color)	4293117913 (0xFFE3C7D9)
YUV	209.4240, 3.7350, 15.4142
Hunter-Lab	78.8591, 8.2668, -0.6241

Details

The Yxy color $62.1875, 0.3214, 0.3093$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $71.6682, 0.3049, 0.3495$, and the grayscale version is $64.0216, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.5174, 0.3232, 0.3046$ is the 20% darker color. If you saturate the color by 10%, you get $52.1015, 0.3299, 0.2926$, and if you desaturate by 10%, it is $73.8573, 0.3142, 0.3254$.

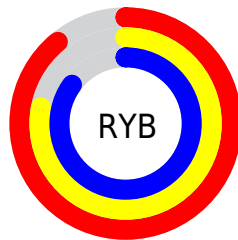
Distribution



Red (89%)

Green (78%)

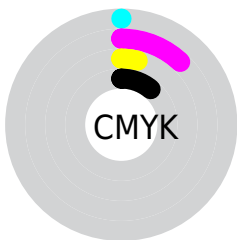
Blue (85%)



Red (89%)

Yellow (78%)

Blue (85%)

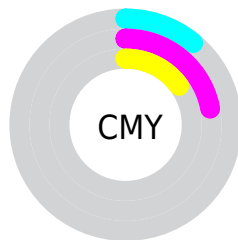


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (11%)



Cyan (11%)


Magenta (22%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1875, 0.3214, 0.3093 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 62.1875, 0.3214, 0.3093 by changing the saturation by 10% instead.


 62.1875, 0.3214,
0.3093

 62.1875, 0.3214,
0.3093


432.6147, 0.3173,
0.3185

 45.1842, 0.3223,
0.3072


107.9965, 0.3200,
0.3125

 31.6026, 0.3235,
0.3045


137.5710, 0.3194,
0.3138

 21.0581, 0.3250,
0.3011


172.1046, 0.3190,
0.3148

 13.1665, 0.3270,
0.2966

211.9819, 0.3186,
0.3158

 7.5433, 0.3297,
0.2904

257.5871, 0.3182,
0.3166

 3.8041, 0.3336,
0.2813

309.3048, 0.3179,

 1.5646, 0.3400,

0.3173

0.2666

367.5191, 0.3176,
0.3180

0.3336, 0.3713,
0.1961

0.0000, 0.0000,
0.0000

62.1875, 0.3214,
0.3093

62.1875, 0.3214,
0.3093

52.1015, 0.3299,
0.2926

73.8573, 0.3142,
0.3254

43.5220, 0.3399,
0.2756

87.1674, 0.3082,
0.3406

36.3777, 0.3515,
0.2589

94.2129, 0.3033,
0.3429

30.5882, 0.3645,
0.2436

94.7075, 0.2989,
0.3346

■ 26.0648, 0.3790,
0.2305

■ 95.0661, 0.2958,
0.3290

■ 22.7086, 0.3945,
0.2209

■ 20.4057, 0.4105,
0.2158

■ 19.0188, 0.4263,
0.2158

■ 18.4053, 0.4382,
0.2188

Harmonies

Analogous

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



62.1875, 0.3035, 0.3010



62.1875, 0.3214, 0.3093



62.1875, 0.3373, 0.3226

Triad

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



62.1875, 0.3214, 0.3093



62.1875, 0.3371, 0.3592



62.1875, 0.2800, 0.3187

Complementary

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



62.1875, 0.3214, 0.3093



71.6682, 0.3049, 0.3495

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.



62.1875, 0.2885, 0.3350



62.1875, 0.3214, 0.3093



62.1875, 0.3212, 0.3590

Square

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



62.1875, 0.3214, 0.3093



62.1875, 0.3465, 0.3512



62.1875, 0.3035, 0.3500



62.1875, 0.2799, 0.3058

Rectangle

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



62.1875, 0.3214, 0.3093



62.1875, 0.3445, 0.3327



62.1875, 0.3035, 0.3500



62.1875, 0.2819, 0.3239

Sweetspot

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



62.1902, 0.3214, 0.3093



93.4321, 0.3154, 0.3227



59.9242, 0.3004, 0.2974



19.7422, 0.3159, 0.3215



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.



62.1902, 0.3214, 0.3093



77.1303, 0.3236, 0.3047



61.5015, 0.3318, 0.3244



14.5235, 0.3192, 0.3140



10.7602, 0.4360, 0.2175



0.8127, 0.4148, 0.2059

Inverse Universe

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



62.1902, 0.3214, 0.3093



77.1303, 0.3236, 0.3047



72.3818, 0.2964, 0.3337



14.5235, 0.3192, 0.3140



10.7602, 0.4360, 0.2175



0.8127, 0.4148, 0.2059

Previews

White Background



This preview shows how the Yxy color 62.1875, 0.3214, 0.3093 looks on a white background.

Color Contrast Check

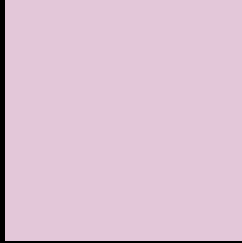
Large Text (above 18pt) WCAG AA × Fail

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 62.1875, 0.3214, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

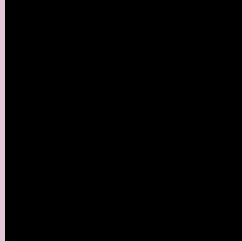
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1875, 0.3214, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 62.1875, 0.3214, 0.3093.



This preview shows how white text looks on a background with the Yxy color 62.1875, 0.3214, 0.3093.

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

62.1875, 0.3214, 0.3093

Protanopia

62.4849, 0.3024, 0.3119

Deuteranopia

62.3126, 0.3174, 0.3113



Tritanopia

62.0840, 0.3229, 0.3115

Trichromacy



Original Color

62.1875, 0.3214, 0.3093

Protanomaly

62.1753, 0.3091, 0.3099

Deuteranomaly

62.1656, 0.3190, 0.3103

Tritanomaly

62.1356, 0.3222, 0.3104

Monochromacy



Original Color

62.1875, 0.3214, 0.3093

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0150, 0.3161, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1875, 0.3214, 0.3093 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, 199, 217)` looks like.

```
.text, #text, p{  
    color:rgb(227, 199, 217)  
}
```

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, 199, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 199, 217) }
```

Border

The CSS property to change the border of an element to Yxy 62.1875, 0.3214, 0.3093 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, 199, 217) }
```

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

```
.border{ border-color:rgb(227, 199, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 199, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 199, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 199, 217); box-shadow:4px 4px 4px 4px rgb(227, 199, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1875, 0.3214, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 199, 217) }
```

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

```
.background{ background-color: rgb(227,  
199, 217) }
```

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