

Converting Colors

$Yxy(61.7476, 0.3136, 0.3121)$

Have a look what the booklet for
Yxy(61.7476, 0.3136, 0.3121)
contains.

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Color

Yxy(62.0025, 0.3135, 0.3122)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D9CAD9 |
| RGB | 217, 202, 217 |
| RGB Percent | 85%, 79%, 85% |
| CMY | 0.1490, 0.2078, 0.1490 |
| CMYK | 0.00, 0.07, 0.00, 0.15 |
| HSL | 300°, 16%, 82% |
| HSV | 300°, 7%, 85% |
| XYZ | 62.2607, 62.0025, 74.3355 |
| YIQ | 208.1950, 4.1250, 7.8450 |

Conversions

Conversions Part 2

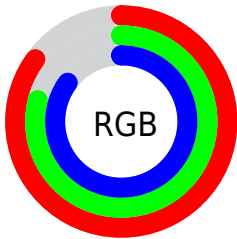
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 217, 202, 217 |
| Decimal | 14273241 |
| CIE Lab | 82.91, 7.88, -5.56 |
| CIE LCh | 83, 9.648, 324.782 |
| Yxy | 62.0025, 0.3135, 0.3122 |
| Android (android.graphics.Color) | 4292463321 (0xFFD9CAD9) |
| YUV | 208.1950, 4.3409, 7.7220 |
| Hunter-Lab | 78.7417, 3.3412, -0.8531 |

Details

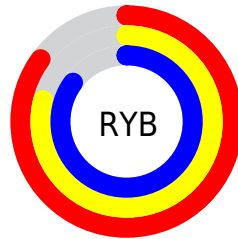
The Yxy color `62.0025, 0.3135, 0.3122` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `66.4516, 0.3119, 0.3464`, and the grayscale version is `63.1806, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `31.4698, 0.3137, 0.3084` is the 20% darker color. If you saturate the color by 10%, you get `52.5261, 0.3147, 0.2873`, and if you desaturate by 10%, it is `72.9162, 0.3124, 0.3363`.

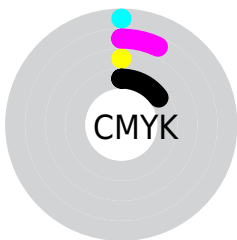
Distribution



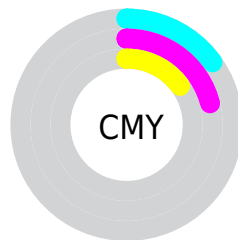
- Red (85%)
- Green (79%)
- Blue (85%)



- Red (85%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0025, 0.3135, 0.3122 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 62.0025, 0.3135, 0.3122 by changing the saturation by 10% instead.

■ 62.0025, 0.3135,
0.3122

■ 62.0025, 0.3135,
0.3122

431.9402, 0.3132,
0.3201

■ 45.0347, 0.3136,
0.3104

107.7291, 0.3134,
0.3150

■ 31.4848, 0.3136,
0.3081

137.2568, 0.3134,
0.3160

■ 20.9683, 0.3137,
0.3051

171.7399, 0.3133,
0.3170

■ 13.1008, 0.3138,
0.3013

211.5627, 0.3133,
0.3178

■ 7.4980, 0.3139,
0.2959

257.1098, 0.3132,
0.3185

■ 3.7755, 0.3140,
0.2879

308.7655, 0.3132,

■ 1.5488, 0.3140,

0.3191

0.2749

366.9142, 0.3132,
0.3196

0.3227, 0.3195,
0.2066

0.0000, 0.0000,
0.0000

62.0025, 0.3135,
0.3122

62.0025, 0.3135,
0.3122

52.5261, 0.3147,
0.2873

72.9162, 0.3124,
0.3363

44.4196, 0.3158,
0.2624

85.3151, 0.3113,
0.3593

37.6220, 0.3169,
0.2382

91.2857, 0.3109,
0.3690

32.0647, 0.3180,
0.2156

91.2869, 0.3109,
0.3690

■ 27.6729, 0.3189,
0.1957

■ 91.2881, 0.3109,
0.3690

■ 24.3637, 0.3197,
0.1793

■ 91.2893, 0.3109,
0.3690

■ 22.0432, 0.3202,
0.1670

■ 91.2905, 0.3109,
0.3690

■ 20.6018, 0.3206,
0.1590

■ 91.2918, 0.3109,
0.3690

■ 19.8964, 0.3208,
0.1549

■ 91.2930, 0.3109,
0.3690

Harmonies

Analogous

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



62.0025, 0.3015, 0.3083



62.0025, 0.3135, 0.3122



62.0025, 0.3255, 0.3203

Triad

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



62.0025, 0.3135, 0.3122



62.0025, 0.3331, 0.3483



62.0025, 0.2917, 0.3267

Complementary

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



62.0025, 0.3135, 0.3122



66.4516, 0.3119, 0.3464

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.



62.0025, 0.2999, 0.3379



62.0025, 0.3135, 0.3122



62.0025, 0.3237, 0.3505

Square

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



62.0025, 0.3135, 0.3122



62.0025, 0.3369, 0.3410



62.0025, 0.3116, 0.3467



62.0025, 0.2891, 0.3164

Rectangle

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



62.0025, 0.3135, 0.3122



62.0025, 0.3318, 0.3272



62.0025, 0.3116, 0.3467



62.0025, 0.2939, 0.3305

Sweetspot

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



62.0052, 0.3135, 0.3122



96.7887, 0.3129, 0.3241



59.9279, 0.3022, 0.3119



20.7504, 0.3129, 0.3244



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.



62.0052, 0.3135, 0.3122



87.6664, 0.3136, 0.3093



61.6369, 0.3187, 0.3203



13.2746, 0.3138, 0.3060



11.9553, 0.3208, 0.1541



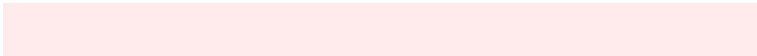
0.7746, 0.3208, 0.1541

Inverse Universe

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



61.2607, 0.3244, 0.3290



86.4234, 0.3266, 0.3290



66.8025, 0.3071, 0.3379



13.0516, 0.3292, 0.3290



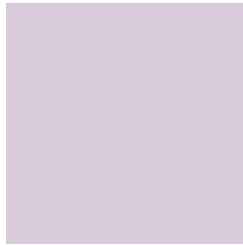
8.9300, 0.6400, 0.3299



0.5786, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 62.0025, 0.3135, 0.3122 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 62.0025, 0.3135, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

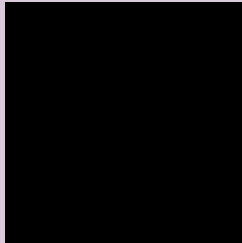
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0025, 0.3135, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 62.0025, 0.3135, 0.3122.



This preview shows how white text looks on a background with the Yxy color 62.0025, 0.3135, 0.3122.

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

62.0025, 0.3135, 0.3122

Protanopia

62.0425, 0.3045, 0.3130

Deuteranopia

61.8479, 0.3175, 0.3102



Tritanopia

62.0547, 0.3128, 0.3111

Trichromacy



Original Color

62.0025, 0.3135, 0.3122

Protanomaly

62.0966, 0.3082, 0.3131

Deuteranomaly

61.9987, 0.3159, 0.3112

Tritanomaly

62.0547, 0.3128, 0.3111

Monochromacy



Original Color

62.0025, 0.3135, 0.3122

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.6946, 0.3130, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0025, 0.3135, 0.3122 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(217, 202, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 202, 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(217, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 202, 217) }
```

Border

The CSS property to change the border of an element to Yxy 62.0025, 0.3135, 0.3122 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(217, 202, 217) }
```

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

```
.border{ border-color:rgb(217, 202, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 202, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 202, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 202, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 202,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0025, 0.3135, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 202, 217) }
```

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

```
.background{ background-color: rgb(217,  
202, 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](#).

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