

Converting Colors

Yxy(62.0833, 0.3042, 0.3012)

Have a look what the booklet for
Yxy(62.0833, 0.3042, 0.3012)
contains.

Yxy(62.0833, 0.3042, 0.3012)	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(62.0833, 0.3042, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	D6CAE3
RGB	214, 202, 227
RGB Percent	84%, 79%, 89%
CMY	0.1610, 0.2077, 0.1099
CMYK	0.06, 0.11, 0.00, 0.11
HSL	269°, 31%, 84%
HSV	269°, 11%, 89%
XYZ	62.7017, 62.0833, 81.3349
YIQ	208.4380, -0.8730, 10.3190

Conversions

Conversions Part 2

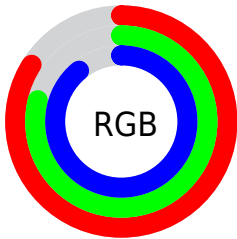
Format	Color
R _Y B	214, 202, 227
Decimal	14076643
CIE Lab	82.96, 8.72, -10.85
CIE LCh	83, 13.921, 308.782
Yxy	62.0833, 0.3042, 0.3012
Android (android.graphics.Color)	4292266723 (0xFFD6CAE3)
YUV	208.4380, 9.1511, 4.8779
Hunter-Lab	78.7930, 4.1586, -6.0477

Details

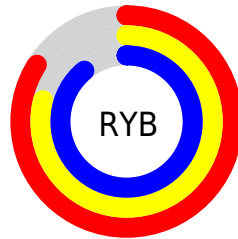
The Yxy color $62.0833, 0.3042, 0.3012$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.6485, 0.3205, 0.3568$, and the grayscale version is $63.3119, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.5293, 0.3014, 0.2939$ is the 20% darker color. If you saturate the color by 10%, you get $50.4852, 0.2951, 0.2737$, and if you desaturate by 10%, it is $75.3832, 0.3120, 0.3266$.

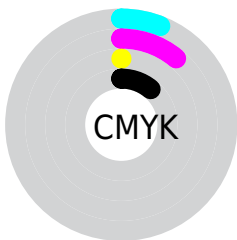
Distribution



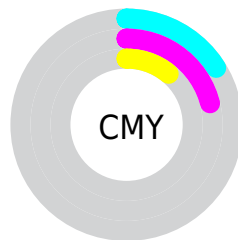
- Red (84%)
- Green (79%)
- Blue (89%)



- Red (84%)
- Yellow (79%)
- Blue (89%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0833, 0.3042, 0.3012 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 62.0833, 0.3042, 0.3012 by changing the saturation by 10% instead.

■ 62.0833, 0.3042,
0.3012

■ 62.0833, 0.3042,
0.3012

432.2349, 0.3083,
0.3142

■ 45.1000, 0.3032,
0.2982

107.8459, 0.3057,
0.3057

■ 31.5362, 0.3020,
0.2945

137.3940, 0.3062,
0.3075

■ 21.0075, 0.3003,
0.2897

171.8992, 0.3067,
0.3090

■ 13.1295, 0.2981,
0.2835

211.7458, 0.3071,
0.3103

■ 7.5178, 0.2950,
0.2749

257.3183, 0.3075,
0.3115

■ 3.7880, 0.2902,
0.2623

309.0011, 0.3078,

■ 1.5557, 0.2819,

0.3125

0.2422

367.1785, 0.3081,
0.3134

0.3274, 0.2654,
0.1658

0.0000, 0.0000,
0.0000

62.0833, 0.3042,
0.3012

62.0833, 0.3042,
0.3012

50.4852, 0.2951,
0.2737

75.3832, 0.3120,
0.3266

40.5101, 0.2846,
0.2446

90.4436, 0.3186,
0.3497

32.0847, 0.2729,
0.2145

97.3002, 0.3256,
0.3565

25.1269, 0.2600,
0.1845

98.3248, 0.3292,
0.3562

■ 19.5464, 0.2464,
0.1561

■ 15.2432, 0.2325,
0.1308

■ 12.1024, 0.2191,
0.1101

■ 9.9877, 0.2067,
0.0950

■ 8.7572, 0.1967,
0.0857

Harmonies

Analogous

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



62.0833, 0.2890, 0.2995



62.0833, 0.3042, 0.3012



62.0833, 0.3221, 0.3098

Triad

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



62.0833, 0.3042, 0.3012



62.0833, 0.3463, 0.3517



62.0833, 0.2880, 0.3343

Complementary

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



62.0833, 0.3042, 0.3012



73.6485, 0.3205, 0.3568

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.



62.0833, 0.3028, 0.3495



62.0833, 0.3042, 0.3012



62.0833, 0.3365, 0.3594

Square

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



62.0833, 0.3042, 0.3012



62.0833, 0.3468, 0.3384



62.0833, 0.3205, 0.3588



62.0833, 0.2798, 0.3180

Rectangle

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



62.0833, 0.3042, 0.3012



62.0833, 0.3332, 0.3184



62.0833, 0.3205, 0.3588



62.0833, 0.2923, 0.3397

Sweetspot

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



62.0859, 0.3042, 0.3012



94.4656, 0.3105, 0.3216



66.8765, 0.2957, 0.3158



19.9105, 0.3099, 0.3196



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.



62.0859, 0.3042, 0.3012



77.5046, 0.3024, 0.2956



63.9910, 0.3134, 0.3020



14.2230, 0.3055, 0.3052



5.1768, 0.1983, 0.0866



0.4376, 0.2143, 0.0954

Inverse Universe

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



63.4907, 0.3226, 0.3147



79.6650, 0.3247, 0.3119



71.8685, 0.3120, 0.3575



14.4932, 0.3211, 0.3168



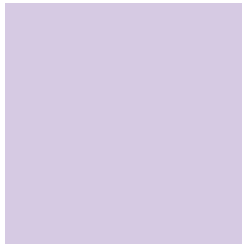
10.3192, 0.4859, 0.2450



0.7813, 0.4552, 0.2281

Previews

White Background



This preview shows how the Yxy color 62.0833, 0.3042, 0.3012 looks on a white background.

Color Contrast Check

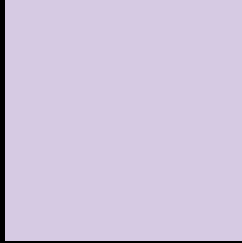
Large Text (above 18pt) WCAG AA × Fail

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 62.0833, 0.3042, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

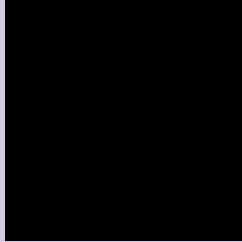
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

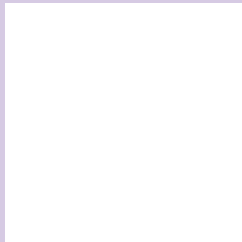
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0833, 0.3042, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 62.0833, 0.3042, 0.3012.



This preview shows how white text looks on a background with the Yxy color 62.0833, 0.3042, 0.3012.

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

62.0833, 0.3042, 0.3012

Protanopia

62.1572, 0.2956, 0.3018

Deuteranopia

62.0711, 0.3065, 0.3002



Tritanopia

61.9725, 0.3090, 0.3110

Trichromacy



Original Color

62.0833, 0.3042, 0.3012

Protanomaly

62.1971, 0.2991, 0.3020

Deuteranomaly

61.9183, 0.3057, 0.3002

Tritanomaly

62.1319, 0.3069, 0.3077

Monochromacy



Original Color

62.0833, 0.3042, 0.3012

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7505, 0.3094, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0833, 0.3042, 0.3012 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(214, 202, 227)` looks like.

```
.text, #text, p{  
    color:rgb(214, 202, 227)  
}
```

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(214, 202, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 202, 227) }
```

Border

The CSS property to change the border of an element to Yxy 62.0833, 0.3042, 0.3012 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(214, 202, 227) }
```

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

```
.border{ border-color:rgb(214, 202, 227) }
```

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

Here you see how a box with a 4 pixel rgb(214, 202, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 202, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 202, 227);  
box-shadow:4px 4px 4px 4px rgb(214, 202,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0833, 0.3042, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 202, 227) }
```

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

```
.background{ background-color: rgb(214,  
202, 227) }
```

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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