

Converting Colors

Yxy(61.9977, 0.3024, 0.3140)

Have a look what the booklet for
Yxy(61.9977, 0.3024, 0.3140)
contains.

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Color

Yxy(62.0945, 0.3023, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	CCCEDB
RGB	204, 206, 219
RGB Percent	80%, 81%, 86%
CMY	0.1999, 0.1922, 0.1413
CMYK	0.07, 0.06, 0.00, 0.14
HSL	232°, 17%, 83%
HSV	232°, 7%, 86%
XYZ	59.7618, 62.0945, 75.8340
YIQ	206.8840, -5.3650, 3.6190

Conversions

Conversions Part 2

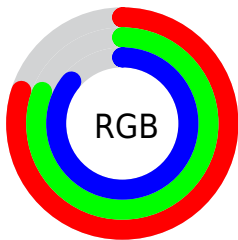
Format	Color
RYB	204, 206, 219
Decimal	13422299
CIELab	82.96, 1.78, -6.65
CIElCh	83, 6.889, 284.991
Yxy	62.0945, 0.3023, 0.3141
Android (android.graphics.Color)	4291612379 (0xFFCCCEDB)
YUV	206.8840, 5.9732, -2.5293
Hunter-Lab	78.8001, -2.5262, -1.8982

Details

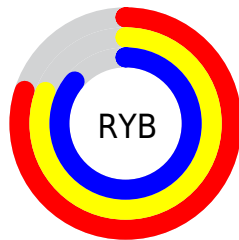
The Yxy color **62.0945, 0.3023, 0.3141** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0431, 0.3230, 0.3435**, and the grayscale version is **62.2847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.6208, 0.2998, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **50.6115, 0.2856, 0.2898**, and if you desaturate by 10%, it is **75.1246, 0.3173, 0.3355**.

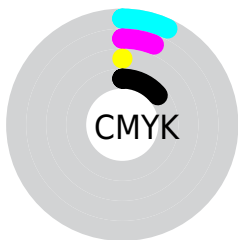
Distribution



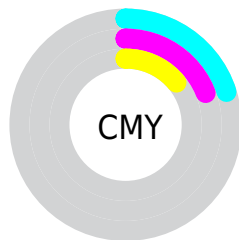
- Red (80%)
- Green (81%)
- Blue (86%)



- Red (80%)
- Yellow (81%)
- Blue (86%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0945, 0.3023, 0.3141 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 62.0945, 0.3023, 0.3141 by changing the saturation by 10% instead.

■ 62.0945, 0.3023,
0.3141

■ 62.0945, 0.3023,
0.3141

432.2757, 0.3073,
0.3212

■ 45.1091, 0.3011,
0.3124

107.8621, 0.3041,
0.3166

■ 31.5433, 0.2997,
0.3104

137.4130, 0.3047,
0.3175

■ 21.0129, 0.2978,
0.3077

171.9213, 0.3053,
0.3184

■ 13.1335, 0.2952,
0.3042

211.7712, 0.3058,
0.3191

■ 7.5205, 0.2917,
0.2992

257.3472, 0.3062,
0.3197

■ 3.7897, 0.2863,
0.2918

309.0337, 0.3066,

■ 1.5566, 0.2773,

0.3202

0.2796

367.2151, 0.3070,
0.3207

0.3281, 0.2360,
0.2179

0.0000, 0.0000,
0.0000

62.0945, 0.3023,
0.3141

62.0945, 0.3023,
0.3141

50.6115, 0.2856,
0.2898

75.1246, 0.3173,
0.3355

40.6103, 0.2673,
0.2627

89.7481, 0.3306,
0.3541

32.0326, 0.2478,
0.2330

97.8931, 0.3340,
0.3641

24.8132, 0.2275,
0.2015

■ 18.8818, 0.2076,
0.1694

■ 14.1618, 0.1891,
0.1386

■ 10.5682, 0.1734,
0.1110

■ 8.0046, 0.1616,
0.0886

■ 6.3558, 0.1542,
0.0728

Harmonies

Analogous

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



62.0945, 0.2970, 0.3165



62.0945, 0.3023, 0.3141



62.0945, 0.3104, 0.3156

Triad

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



62.0945, 0.3023, 0.3141



62.0945, 0.3298, 0.3354



62.0945, 0.3061, 0.3376

Complementary

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



62.0945, 0.3023, 0.3141



69.0431, 0.3230, 0.3435

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.



62.0945, 0.3149, 0.3429



62.0945, 0.3023, 0.3141



62.0945, 0.3286, 0.3414

Square

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



62.0945, 0.3023, 0.3141



62.0945, 0.3264, 0.3278



62.0945, 0.3231, 0.3442



62.0945, 0.2992, 0.3300

Rectangle

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



62.0945, 0.3023, 0.3141



62.0945, 0.3163, 0.3186



62.0945, 0.3231, 0.3442



62.0945, 0.3089, 0.3397

Sweetspot

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



62.0971, 0.3023, 0.3141



96.2534, 0.3097, 0.3247



68.4991, 0.3035, 0.3312



20.6415, 0.3099, 0.3250



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.



62.0971, 0.3023, 0.3141



85.5517, 0.3003, 0.3112



61.9417, 0.3064, 0.3120



12.8928, 0.2981, 0.3081



3.6407, 0.1530, 0.0706



0.3279, 0.1594, 0.0939

Inverse Universe

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



62.7113, 0.3228, 0.3268



86.5794, 0.3248, 0.3264



69.2300, 0.3188, 0.3458



13.0794, 0.3271, 0.3259



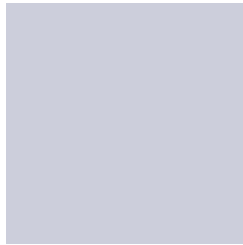
8.9913, 0.6222, 0.3201



0.5918, 0.5852, 0.2997

Previews

White Background



This preview shows how the Yxy color 62.0945, 0.3023, 0.3141 looks on a white background.

Color Contrast Check

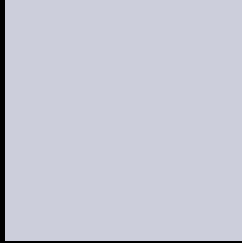
Large Text (above 18pt) WCAG AA × Fail

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 62.0945, 0.3023, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

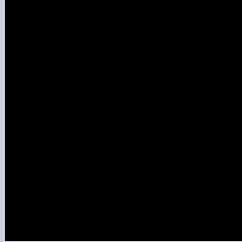
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

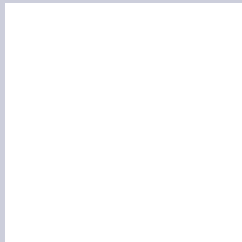
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0945, 0.3023, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 62.0945, 0.3023, 0.3141.

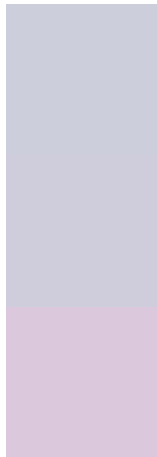


This preview shows how white text looks on a background with the Yxy color 62.0945, 0.3023, 0.3141.

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

62.0945, 0.3023, 0.3141

Protanopia

62.0425, 0.3045, 0.3130

Deuteranopia

61.6915, 0.3138, 0.3068



Tritanopia

62.2539, 0.3002, 0.3107

Trichromacy



Original Color

62.0945, 0.3023, 0.3141

Protanomaly

61.8989, 0.3037, 0.3130

Deuteranomaly

61.7045, 0.3091, 0.3088

Tritanomaly

62.2004, 0.3009, 0.3118

Monochromacy



Original Color

62.0945, 0.3023, 0.3141

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4506, 0.3092, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0945, 0.3023, 0.3141 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(204, 206, 219) looks like.

```
.text, #text, p{  
    color:rgb(204, 206, 219)  
}
```

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(204, 206, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 206, 219) }
```

Border

The CSS property to change the border of an element to Yxy 62.0945, 0.3023, 0.3141 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(204, 206, 219) }
```

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

```
.border{ border-color:rgb(204, 206, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 206, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 206, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 206, 219);  
box-shadow:4px 4px 4px 4px rgb(204, 206,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0945, 0.3023, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 206, 219) }
```

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

```
.background{ background-color: rgb(204,  
206, 219) }
```

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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