

Converting Colors

Yxy(61.0671, 0.3047, 0.3358)

Have a look what the booklet for
Yxy(61.0671, 0.3047, 0.3358)
contains.

Yxy(61.2502, 0.3050, 0.3361)	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(61.2502, 0.3050, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	C1D1CB
RGB	193, 209, 203
RGB Percent	76%, 82%, 80%
CMY	0.2430, 0.1804, 0.2038
CMYK	0.08, 0.00, 0.03, 0.18
HSL	158°, 15%, 79%
HSV	158°, 8%, 82%
XYZ	55.5826, 61.2502, 65.4052
YIQ	203.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

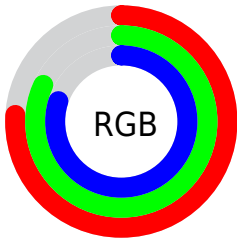
Format	Color
RYB	193, 203, 209
Decimal	12702155
CIELab	82.51, -6.50, 1.10
CIElCh	83, 6.595, 170.410
Yxy	61.2502, 0.3050, 0.3361
Android (android.graphics.Color)	4290892235 (0xFFC1D1CB)
YUV	203.5320, -0.2623, -9.2366
Hunter-Lab	78.2625, -10.1874, 5.2342

Details

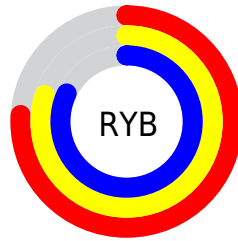
The Yxy color **61.2502, 0.3050, 0.3361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8385, 0.3211, 0.3220**, and the grayscale version is **60.0846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **31.1016, 0.3025, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **58.3328, 0.2952, 0.3463**, and if you desaturate by 10%, it is **64.5798, 0.3151, 0.3269**.

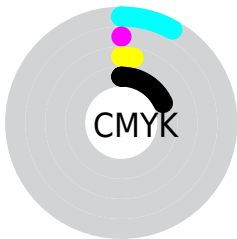
Distribution



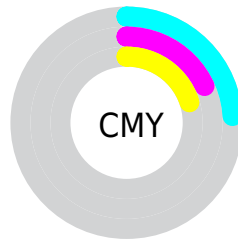
- Red (76%)
- Green (82%)
- Blue (80%)



- Red (76%)
- Yellow (80%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)




- Cyan (24%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2502, 0.3050, 0.3361 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 61.2502, 0.3050, 0.3361 by changing the saturation by 10% instead.

 61.2502, 0.3050,
0.3361

 61.2502, 0.3050,
0.3361

429.1908, 0.3087,
0.3327

 44.4271, 0.3041,
0.3369


 106.6411, 0.3063,
0.3349

 31.0064, 0.3030,
0.3379


135.9778, 0.3068,
0.3344

 20.6037, 0.3016,
0.3392


170.2544, 0.3072,
0.3340

 12.8347, 0.2997,
0.3410

209.8553, 0.3076,
0.3337

 7.3148, 0.2970,
0.3435

255.1651, 0.3079,
0.3334

 3.6597, 0.2929,
0.3474

306.5680, 0.3082,

 1.4851, 0.2858,

0.3331

364.4484, 0.3085,
0.3329

0.3540

0.2782, 0.1733,
0.4561

0.0000, 0.0000,
0.0000

61.2502, 0.3050,
0.3361

61.2502, 0.3050,
0.3361

58.3328, 0.2952,
0.3463

64.5798, 0.3151,
0.3269

55.8034, 0.2859,
0.3576

68.3293, 0.3254,
0.3187

53.6468, 0.2775,
0.3698

72.3747, 0.3349,
0.3114

51.8442, 0.2702,
0.3829

72.8154, 0.3293,
0.3037

■ 50.3748, 0.2644,
0.3967

■ 73.2759, 0.3237,
0.2962

■ 49.2158, 0.2603,
0.4111

■ 73.7566, 0.3183,
0.2888

■ 48.3410, 0.2582,
0.4256

■ 74.0765, 0.3148,
0.2841

■ 47.7202, 0.2581,
0.4402

■ 47.3109, 0.2599,
0.4544

Harmonies

Analogous

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



61.2502, 0.3132, 0.3417



61.2502, 0.3050, 0.3361



61.2502, 0.2989, 0.3286

Triad

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



61.2502, 0.3050, 0.3361



61.2502, 0.3040, 0.3147



61.2502, 0.3293, 0.3364

Complementary

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



61.2502, 0.3050, 0.3361



55.8385, 0.3211, 0.3220

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.



61.2502, 0.3267, 0.3292



61.2502, 0.3050, 0.3361



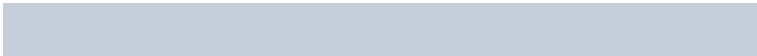
61.2502, 0.3120, 0.3168

Square

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



61.2502, 0.3050, 0.3361



61.2502, 0.2983, 0.3163



61.2502, 0.3204, 0.3221



61.2502, 0.3273, 0.3417

Rectangle

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



61.2502, 0.3050, 0.3361



61.2502, 0.2968, 0.3236



61.2502, 0.3204, 0.3221



61.2502, 0.3289, 0.3341

Sweetspot

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



61.2528, 0.3050, 0.3361



98.9231, 0.3107, 0.3308



61.6126, 0.3164, 0.3480



21.1849, 0.3108, 0.3307



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.



61.2528, 0.3050, 0.3361



95.3631, 0.3035, 0.3375



60.6355, 0.3010, 0.3268



13.3289, 0.3032, 0.3378



29.1421, 0.2599, 0.4557



1.6446, 0.2527, 0.4296

Inverse Universe

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



55.8385, 0.3211, 0.3220



85.3309, 0.3229, 0.3206



56.3945, 0.3255, 0.3312



11.8804, 0.3233, 0.3203



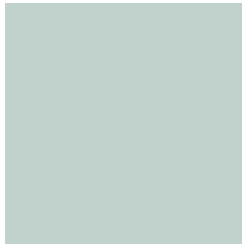
8.7168, 0.5464, 0.2784



0.5026, 0.4963, 0.2508

Previews

White Background



This preview shows how the Yxy color 61.2502, 0.3050, 0.3361 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 61.2502, 0.3050, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

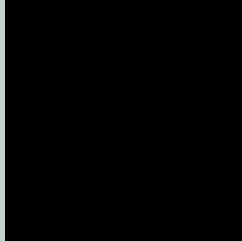
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

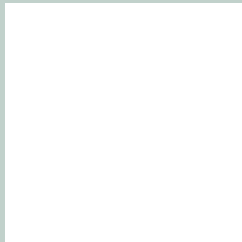
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2502, 0.3050, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 61.2502, 0.3050, 0.3361.

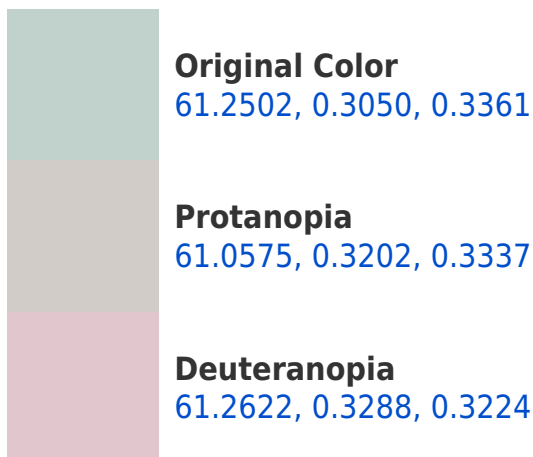


This preview shows how white text looks on a background with the Yxy color 61.2502, 0.3050, 0.3361.

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





Tritanopia

61.1523, 0.2945, 0.3104

Trichromacy



Original Color

61.2502, 0.3050, 0.3361

Protanomaly

61.1970, 0.3147, 0.3349

Deuteranomaly

61.2176, 0.3197, 0.3279

Tritanomaly

61.1340, 0.2984, 0.3196

Monochromacy



Original Color

61.2502, 0.3050, 0.3361

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7816, 0.3096, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2502, 0.3050, 0.3361 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(193, 209, 203)` looks like.

```
.text, #text, p{  
    color:rgb(193, 209, 203)  
}
```

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(193, 209, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 209, 203) }
```

Border

The CSS property to change the border of an element to Yxy 61.2502, 0.3050, 0.3361 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(193, 209, 203) }
```

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

```
.border{ border-color:rgb(193, 209, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 209, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 209, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 209, 203);  
box-shadow:4px 4px 4px 4px rgb(193, 209,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2502, 0.3050, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 209, 203) }
```

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

```
.background{ background-color: rgb(193,  
209, 203) }
```

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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