

Converting Colors

Yxy(61.7522, 0.3118, 0.3301)

Have a look what the booklet for
Yxy(61.7522, 0.3118, 0.3301)
contains.

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Color

Yxy(61.9192, 0.3112, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	CCCFCF
RGB	204, 207, 206
RGB Percent	80%, 81%, 81%
CMY	0.1999, 0.1882, 0.1923
CMYK	0.01, 0.00, 0.01, 0.19
HSL	159°, 3%, 81%
HSV	159°, 1%, 81%
XYZ	58.3563, 61.9192, 67.2448
YIQ	205.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

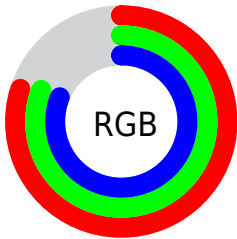
Format	Color
RYB	204, 206, 207
Decimal	13422542
CIELab	82.87, -1.20, 0.15
CIElCh	83, 1.210, 173.002
Yxy	61.9192, 0.3112, 0.3302
Android (android.graphics.Color)	4291612622 (0xFFCCCCFCE)
YUV	205.9890, 0.0054, -1.7444
Hunter-Lab	78.6888, -5.3281, 4.4149

Details

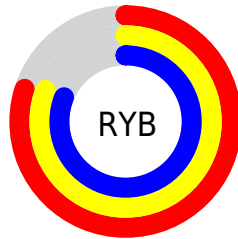
The Yxy color **61.9192, 0.3112, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8738, 0.3143, 0.3278**, and the grayscale version is **61.7170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.5335, 0.3107, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **58.8456, 0.3008, 0.3391**, and if you desaturate by 10%, it is **65.4030, 0.3218, 0.3222**.

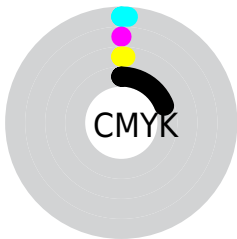
Distribution



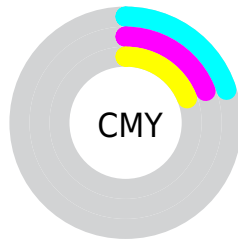
- Red (80%)
- Green (81%)
- Blue (81%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9192, 0.3112, 0.3302 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 61.9192, 0.3112, 0.3302 by changing the saturation by 10% instead.

■ 61.9192, 0.3112,
0.3302

■ 61.9192, 0.3112,
0.3302

431.6363, 0.3119,
0.3296

■ 44.9674, 0.3110,
0.3303

107.6087, 0.3115,
0.3300

■ 31.4318, 0.3108,
0.3305

137.1153, 0.3116,
0.3299

■ 20.9278, 0.3105,
0.3307

171.5755, 0.3116,
0.3299

■ 13.0713, 0.3102,
0.3310

211.3739, 0.3117,
0.3298

■ 7.4776, 0.3096,
0.3314

256.8948, 0.3118,
0.3298

■ 3.7626, 0.3088,
0.3320

308.5225, 0.3118,

■ 1.5417, 0.3075,

0.3297

0.3331

366.6416, 0.3119,
0.3297

0.3178, 0.2945,
0.3431

0.0000, 0.0000,
0.0000

61.9192, 0.3112,
0.3302

61.9192, 0.3112,
0.3302

58.8456, 0.3008,
0.3391

65.4030, 0.3218,
0.3222

56.1588, 0.2908,
0.3489

69.3035, 0.3324,
0.3152

53.8449, 0.2815,
0.3597

71.4660, 0.3344,
0.3083

51.8864, 0.2732,
0.3714

71.8741, 0.3291,
0.3012

■ 50.2643, 0.2662,
0.3838

■ 72.2991, 0.3239,
0.2943

■ 48.9574, 0.2608,
0.3967

■ 72.7412, 0.3189,
0.2875

■ 47.9426, 0.2573,
0.4101

■ 73.1065, 0.3149,
0.2821

■ 47.1930, 0.2557,
0.4236

■ 46.6769, 0.2562,
0.4369

Harmonies

Analogous

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



61.9192, 0.3127, 0.3312



61.9192, 0.3112, 0.3302



61.9192, 0.3101, 0.3288

Triad

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



61.9192, 0.3112, 0.3302



61.9192, 0.3112, 0.3264



61.9192, 0.3157, 0.3305

Complementary

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



61.9192, 0.3112, 0.3302



60.8738, 0.3143, 0.3278

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.



61.9192, 0.3153, 0.3292



61.9192, 0.3112, 0.3302



61.9192, 0.3128, 0.3268

Square

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



61.9192, 0.3112, 0.3302



61.9192, 0.3101, 0.3266



61.9192, 0.3143, 0.3278



61.9192, 0.3153, 0.3314

Rectangle

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



61.9192, 0.3112, 0.3302



61.9192, 0.3098, 0.3279



61.9192, 0.3143, 0.3278



61.9192, 0.3157, 0.3301

Sweetspot

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



61.9219, 0.3112, 0.3302

100.0000, 0.3127, 0.3290



61.9759, 0.3133, 0.3325



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.9219, 0.3112, 0.3302



98.9316, 0.3106, 0.3307



61.7563, 0.3105, 0.3285



13.8592, 0.3107, 0.3306



29.2345, 0.2573, 0.4464



1.6493, 0.2506, 0.4221

Inverse Universe

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



60.8738, 0.3143, 0.3278



96.5769, 0.3149, 0.3273



61.0365, 0.3150, 0.3295



13.5523, 0.3147, 0.3274



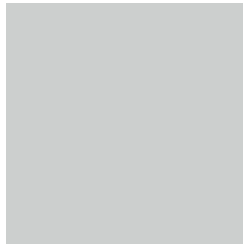
8.6699, 0.5566, 0.2840



0.4996, 0.5051, 0.2556

Previews

White Background



This preview shows how the Yxy color 61.9192, 0.3112, 0.3302 looks on a white background.

Color Contrast Check

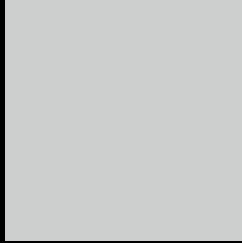
Large Text (above 18pt) WCAG AA × Fail

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 61.9192, 0.3112, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

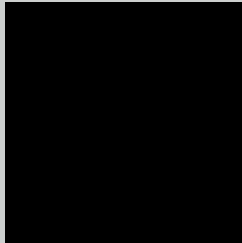
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

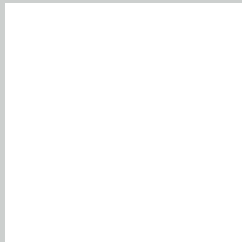
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9192, 0.3112, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 61.9192, 0.3112, 0.3302.



This preview shows how white text looks on a background with the Yxy color 61.9192, 0.3112, 0.3302.

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

61.9192, 0.3112, 0.3302

Protanopia

61.7721, 0.3165, 0.3290

Deuteranopia

61.8211, 0.3272, 0.3213



Tritanopia

62.0049, 0.3024, 0.3107

Trichromacy



Original Color

61.9192, 0.3112, 0.3302

Protanomaly

61.9603, 0.3149, 0.3302

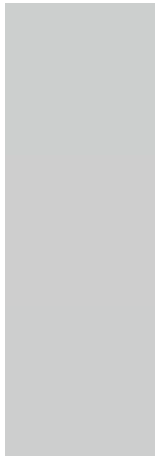
Deuteranomaly

61.9686, 0.3206, 0.3245

Tritanomaly

62.0796, 0.3050, 0.3175

Monochromacy



Original Color

61.9192, 0.3112, 0.3302

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5780, 0.3120, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9192, 0.3112, 0.3302 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, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(204, 207, 206)  
}
```

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, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 207, 206) }
```

Border

The CSS property to change the border of an element to Yxy 61.9192, 0.3112, 0.3302 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, 207, 206) }
```

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

```
.border{ border-color:rgb(204, 207, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(204, 207,  
206) }
```

Background

The CSS property to change the background color of an element to Yxy 61.9192, 0.3112, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 207, 206) }
```

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

```
.background{ background-color: rgb(204,  
207, 206) }
```

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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